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Crawford



Avalanche

Co. of Crawford

JUSTICE AND RIGHT

VOLUME FIFTY THREE

GRAYLING, MICHIGAN, NOVEMBER 5, 1931

OSCAR P. SCHUMANN, Editor and Proprietor

NUMBER 45

SCHOOLS OFFERED CASH PRIZES

The Children's Fund of Michigan in an effort to increase interest in health teaching and practices among children from the rural areas of the state announces the opening of a Health Contest for Rural Schools.

The contest will run from November 15th, 1931 to April 1, 1932 with twenty-two prizes, varying in size from \$25 to \$150 for the winning schools, arranged as follows:

To consolidated schools in rural areas three prizes:
First prize—\$150.
Second prize—\$100.
Third prize—\$75.
Total—\$325.

To other rural schools nineteen prizes:
Eight first prizes of \$50 each, \$400.
Eleven second prizes of \$25 each \$275. Total \$675.
Grand total \$1,000.

The conditions of the contest are:
1. Contest be limited to counties having a health program sponsored in whole or in part by the Children's Fund of Michigan.

2. Rural schools be defined as those serving communities of 2,500 or less inhabitants.

3. Program of school health activity competing to be submitted to local representative of the Children's Fund of Michigan and approved at the home office by November 15th, 1931.

4. Progress made during the school year to be finally judged by home office or a special committee, on April 1st, 1932.

5. Prizes awarded to be expended only for playground equipment.

6. The program selected by the teachers may be based upon the needs of their school as shown by the "School Health Record" chart or the survey recently completed.

7. Rural schools of one, two, and four rooms and consolidated schools are to be considered as a unit.

Each rural school whether consolidated or composed of one or more rooms is to be considered as a unit with the award based on progress in all the rooms in any school competing.

The necessary steps to be taken by teachers in the rural schools to enter contest are as follows:

1. A letter from the county superintendent of schools to the Children's Fund of Michigan giving his approval of the entry.

2. Submission of a health program for approval.

3. Submission of records of accomplishment for judging contest.

4. Agreement in writing to expend prize money for playground equipment.

The basis of award will be the actual progress made in overcoming the health handicaps present in the school as shown by definite improvement in group practices, in environment, and in individual health habits of school children.

CAR LICENSE NUMBERS WILL IDENTIFY COMMUNITIES

Definite allocations of 1932 automobile plates in consecutively numbered blocks are being made by the Department of State. Because of this each section and community of the State will be identified by the numbers on the plates.

The plates to be issued in Crawford county will be numbers from 1-020-751 to 1-030-450. Those from Rockman county will be from 1-110-051 to 1-113-550. Otsego county plates will be from 1-025-151 to 1-028-450.

In announcing these assignments, Secretary of State Frank D. Fitzgerald expressed dissatisfaction with the large hard-to-read seven figure plates. A plan is being worked out to do away with the large figures in 1933.

EAT MORE POTATOES TO BOOST MICHIGAN

One inexpensive way in which housewives can boost Michigan products is by the use of potatoes which may be utilized in everything from soup to candies, according to nutrition specialists at Michigan State College.

One ideal serving of food supplies food elements in the proportions of one unit each of calories, proteins, calcium, phosphorus, and iron, while potatoes supply these in the following proportions, calories, 1; protein, 1.1; calcium, 0.7; phosphorus, 1.6; iron, 3.2.

Miss Roberta Hershey, Michigan State College extension nutrition specialist, offers a few different ways of preparing potatoes—souffle, a la Goldenrod, soup, muffins, Spanish, Oak Hill, diamonds, and Dutch.

For the potato soufflé 1 1/2 c. flour, 1/2 t. salt, and 4 t. baking powder are sifted together. To 1 c. cold mashed potato, add 1/2 cup milk and stir until well mixed. Combine the two mixtures and then add two well beaten eggs. Add 2 t. melted shortening. Place in greased muffin tins and bake in a moderate oven 375 degrees F. about 30 minutes.

Housewives are warned that a good potato cannot always be told by its outside appearance. One which shows a green skin will taste bitter when cooked, for it has grown too close to the surface and has been sunburned. The wisest course for the housewife is to choose medium-sized potatoes that feel firm when pressed in the hand. Dry, mealy potatoes are best for mashing and baking, and the more waxy varieties are most suitable for salad and creaming, since they will hold their shape.

Bake potatoes frequently, Miss Hershey urges. Brush the skins with fat before placing in oven and eat the skins. A large proportion of the minerals is found directly under the peeling. When done, crack the skin to let out the steam. Cook potatoes in their jackets often; as much as 20 per cent loss may result from paring before cooking. Start potatoes to cook in boiling water and keep the water boiling. Never dice them before cooking. Use the cooking water which contains valuable mineral salts, in soups, sauces, or gravies.

MRS. JOHN BROCKMAN PASSED AWAY IN FLORIDA

Word was received that Mrs. John Brockman passed away at 12:30 o'clock Sunday, Oct. 25th at the home of her daughter Mrs. Letah Franzen in Burbank, Florida.

Just a year ago Mr. and Mrs. Brockman sold their home here and moved to Florida to spend their remaining years with their daughter.

Although Mrs. Brockman had been ailing for some time she was never known to complain. Her passing away was quiet and peaceful.

Mrs. Brockman was a loving wife and mother and was greatly esteemed by all who knew her. Besides her husband and daughter, one son Arthur of Vanderbilt, Mich., and several grand children remain to mourn the loss.

Her remains were laid to rest in the beautiful cemetery at Osceola.

Mr. and Mrs. Brockman were members of the Crawford Co. Grange, and Mr. Brockman was secretary of the order for several years.

Mr. Brockman and family have the sincere sympathy of their many Grayling friends.

CHRISTMAS GREETING CARDS

You're going to need Christmas cards. Why wait until the rush. We have some beautiful new lines of samples; handsome ones at little cost and exquisite designs at slightly higher prices. Not only family in Grayling will have cards like yours for we do not sell duplicates. Phone No. 111 for samples or call and see them. All plainly priced.

Avalanche Office.

GENERAL GUY M. WILSON MARRIED

Maj. Gen. and Mrs. Guy M. Wilson, formerly Mrs. Wilbur Wilson, are en route to Washington and a four of the Eastern states following their marriage in the parish house of St. Michael's Roman Catholic Church at noon Wednesday. Maj. Patrick R. Dunigan, pastor of the church and a World War chaplain who saw service with Gen. Wilson in France, officiated at the brief wedding ceremony.

Col. Thomas Coladay, of Flint, was best man and Mrs. William Mader, Jackson, was matron of honor at the wedding. Maj. Dunigan started the service with a prayer and blessed the wedding ring with a rosebud.

Mrs. Wilson is the daughter of Robert Exler, Jackson, and was a nurse in the war. After their Eastern tour, the couple will return to Gen. Wilson's home at 210 Seventh Ave., Flint.

ABOUT WINTER SPEARING

While the winter spear fishermen have been given more waters in which to fish and added species to take, the time in which they may pursue their favorite sport has been shortened.

While during 1930 winter spearing for certain species was permitted on inland lakes "during the time these lakes were frozen over," during the coming winter, spearing will be permitted only during the months of January and February. However, spearing will be permitted in all inland waters, except that it will be unlawful to spear in trout streams and quasi-trout streams at any time.

During the winter of 1930, only pickerel, mullet, suckers and redhorse could be speared in the inland lakes. During the coming winter the use of spears will be permitted during January and February in the inland waters for carp, sheepshead, suckers, mullet, redhorse, lake trout, smelt, pike (great northern, grass pike and pickerel), muskellunge, whitefish, ciscoes, pikefish or menominee whitefish, dogfish and garpike.

Spearing is not permitted with the use of a jack or artificial light at any time.

Fishing with the use of hook and line or ice lines only is permitted during the winter for all species during the respective open seasons. Black bass may be taken to December 31, and pike, bluegills, sunfish, warmouth bass and perch may be taken to March 31. Rock bass, catfish or strawberry bass and crappies were removed from the list of game fish by the last legislature and may now be taken in any waters open to fishing at any time of the year, and there is no minimum size limit.

Spring spearing in non-trout streams, for carp, suckers, redhorse, mullet, dogfish and garpike will be limited in the upper peninsula from March 1 to May 16 and in the lower peninsula from March 1 to April 30. Winter fishermen who enjoy their sport with ice lines may now use "not to exceed five single hooks which may be attached to not more than five single lines." Formerly ice fishermen were restricted to not to exceed five lines—with a single hook attached, but now may use five hooks on one line only if they so desire.

NOTICE

The last week a large number of street lamps, shades and sockets have been deliberately broken by youngsters throwing stones or using slingshots. Monday morning it was necessary to install thirteen new lamps, twelve of which were broken by stones. We are in receipt of the names of several of these boys and unless this unnecessary destruction of property is discontinued immediately prosecution will follow.

Don Reynolds, Local Manager, Michigan Public Service Company.

DEER LICENSES ON SALE

Michigan's 1931 deer licenses went on sale this week with more than 1,000 Conservation Department agents in both peninsulas prepared to distribute them.

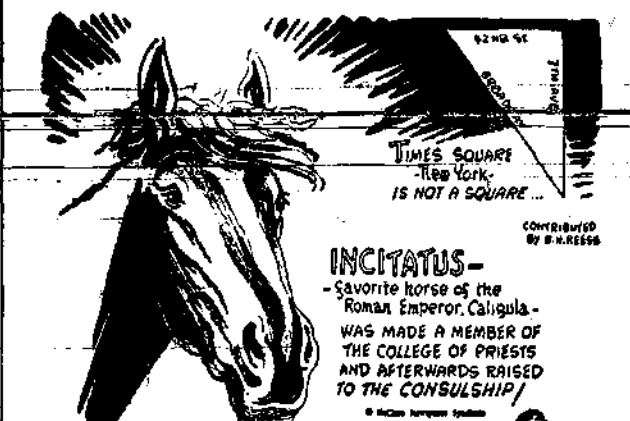
The buttons of the resident licenses are tinged green and those of the non-resident licenses are tinged yellow.

CHILD WELFARE MEETING NOVEMBER 9

The Governor's Conference on Child Health and Protection which will convene in the State Capitol Building in Lansing on November 9 at the call of Governor Brucker will bring together in a three day session specialists and laymen interested in every phase of child health and welfare.

Soaking any kind of fresh meat in water before cooking is a mistake. It draws out the juices which give the characteristic flavor and add to its food value. If the meat needs cleaning, wipe it off with a damp cloth or trim it.

ODD THINGS AND NEW—By Lane Bode



INCITATUS—Favorite horse of the Roman Emperor, Caligula, was made a member of the college of priests and afterwards raised to the consulship.
BURTON BLAIR—MADE A TABLE OF WOOD FROM 17 DIFFERENT COUNTRIES.
MAYBURY SANITARIUM, MICH.
MADRID BRESLAU—of St. Paul, Minn.—HAS HAD 22 FRACTURED BONES IN 5 YEARS!
(WNU Service.)

FLINT MAYOR IN RACE FOR GOVERNOR

PERSUADES INDUSTRIES TO SPLIT WORK TO AID MEN

(By William H. McKeighan, Mayor of Flint.)

The only way to relieve unemployment is to give a man a job. There are normally about 2000 persons employed in Flint factories. Although there are fewer than that working now, we believe we have through the cooperation of our industries been able to assure employment to approximately 20,000 heads of families through this winter.

Majority To Get Some Work—The plan means that a few will work full time, but the majority will get to work a little each week, at least enough to live on and get by without charity from the city.

When industrial leaders were approached, they were very frank to say that factory efficiency must be sacrificed this winter.



The last week a large number of street lamps, shades and sockets have been deliberately broken by youngsters throwing stones or using slingshots. Monday morning it was necessary to install thirteen new lamps, twelve of which were broken by stones. We are in receipt of the names of several of these boys and unless this unnecessary destruction of property is discontinued immediately prosecution will follow.

PURE MILK AT OAK GROVE DAIRY

To The Avalanche: We have read with interest the news from the Creamery, and all about how the milk is cared for, so we thought perhaps the people would like to know something as to how

the milk is taken care of at Oak Grove Dairy, especially our customers.

Our aim is to keep our milk as clean as possible, so it won't need pasteurizing for those who want raw milk.

We have started numerous civil projects that would have been left undone in years of prosperous times, employing thousands. The Flint river has been transformed from an eyesore to a thing of beauty and a credit to any city, also, many other places that have been a discredit to the beauty of Flint have been made attractive.

Taxes Reduced. Taxes of Flint under Mayor William H. McKeighan this year were reduced to \$4.20 per thousand valuation and assessments have also been reduced. Flint is the only city in the United States this year that had this large a tax reduction.

Mr. A. J. Barber, McKeighan's publicity manager, was in Grayling Saturday and wishes to state to the readers of this paper that the rumors that McKeighan is in the race only to fall out later on or to be a dark horse for someone else are not true. He states McKeighan is

THE ROAD TO BETTER HEALTH

SORE THROAT

(By Dr. William J. Scholes.)

"If it isn't better tomorrow, we shall call the doctor." It would be much better to call him today—the first day of that sore throat. By tomorrow, there may be no question about the sore throat being diphtheria. A day will have been lost. And, the loss of each day is serious in a case of diphtheria.

From 12,000 to 15,000 people die annually in the United States from diphtheria. Statistics show that almost all of the cases which are treated with adequate amounts of antitoxin on the first day of the disease, recover. The death rate increases with each day's delay in the administration of antitoxin. So the necessity of an early recognition of this disease, in order that effective treatment may be promptly instituted, is apparent.

Recognizing Diphtheria.

The onset of diphtheria may easily be confused with less serious sore throats. Diphtheria is recognized by the general symptoms, the formation of a false membrane in the throat, and the examination of throat cultures. In some cases no membrane can be seen, but there is a sore throat and the germs of diphtheria are present. One form of group is diphtheria. Spots or patches may form in the throat as a result of other infections.

Children Greatest Sufferers.

It is among children that diphtheria takes a heavy toll. Between the ages of two and twelve is the period of greatest susceptibility. But it is possible for diphtheria to occur earlier than this, and older children and adults are often affected.

The severity of the symptoms are not always in proportion to the seriousness of the disease. On the first day of the disease, diphtheria patients usually do not appear to be in any more danger than those who have tonsillitis. What appears to be a trivial sore throat in the beginning may prove to be a dangerous case of diphtheria if neglected.

The nature of every sore throat should be determined without delay, particularly in the case of children. (Copyright, 1931, by The Bonnet-Brown Corporation, Chicago.)

WOMAN'S CLUB NOTES

The first regular meeting of the Woman's club was held Monday evening, November 2nd, at the home of Mrs. T. L. Peterson. After roll call and payment of dues, the President, Mrs. L. D. Herbinson, gave a short address and welcomed the new members. The music committee then presented the following program, which was very enjoyable:

"Ave Maria," "Sonny Boy"—Miss Claire Jacques.

"Sylvia"—Miss Vella Hermann.

"The World is waiting for the Sunrise"—Miss McAllister, Miss Herbinson and Mrs. Milnes.

"Blossoms of Plendry"—Where My Caravan Has Rested"—Mrs. R. O. Milnes.

"Narcissus," "Songs My Mother Taught Me," "My Heart at Thy Sweet Voice"—Miss Louise McAllister.

A lovely lunch was served by the Social committee.

An electric waffle iron should never be greased. If the waffle sticks, try adding one or two extra tablespoons of melted shortening to the batter.

Tomorrow this summer, but we like the old ones also. Some have been with us nearly ten years.

We never deliver milk that is more than eighteen hours old, so our customers know they always get fresh milk, and not two or three days old.

A lot of people do not like pasteurized milk and will not use it as long as they know they can get clean raw milk. And when anyone thinks of passing laws about milk it is time they find out where they stand and study up a little on the milk law.

Anyone who knows anything about milk for children, will say that clean, raw milk is the best food, as Nature made it and intended it to be used as a food.

Raw milk can be kept clean just as well as any other food can. But at the same time it needs the best of care to keep it clean, and the dairyman who has any pride in clean milk and tries to keep it clean can do so. Heat will kill germs, but will remove any impurities that might be in the milk.

The Creamery is one of the most important business places in town, because where milk comes from several farms, pasteurizing is the only thing, then the milk is all the same grade.

This is not written with the idea of sales, nor to knock, but to let the public know that there are dairies that have, and still do, produce clean milk.

All milk bottled with our caps is from our own herd and we try to have the milk as near grade A as it is possible for us to do.

Mr. and Mrs. Charles Corwin.

NO RIGHT TO HUNT IN HIGHWAYS

The Horton Tresspass Law applies to a roadway just as much as it does to adjoining lands and hunting on the roadway constitutes trespass unless permission has been given by the adjoining property owner.

This is the answer being given by the Department of Conservation to numerous inquiries relative to hunting on highway rights-of-way.

A year ago the Department received an opinion from the office of the attorney general relative to this question. The opinion said that "no person has a right to shoot from the highway any more than he would have a right to go on the land, as the only rights the public have is an easement to pass over."

If the land adjoining the roadway "comes under the Horton Law, that is where land is occupied as a farm or a portion of it has been set aside as a game preserve," it is an offense to hunt on the roadway without permission. Otherwise, the action against the hunter would be for trespass, the opinion said. Shooting from the highway gives the hunter no more right than going on the land and shooting.

APPLEBLOSSOM CLUB AT FREEDERICK

An entertaining and educational program will be given at the Frederick High School, November 13th. The tentative program is as follows: Orchestra—Waltz. Directed by K. Forbach.

Accordian solo—Selections.

Readings.

Chorus—Quartet—Selections.

H. Guiter solo—Hawaiian melodies.

Duet—Humor sketches.

Sax-Banjo duet—Popular medley.

Orchestra—March.

Talk—"Rural Problems," Dr. M. L. Smith, Head of Rural Education Dept. Central State Teachers College.

When making gravy to serve with roast lamb, beat in one-half glass or more of currant jelly and add just before serving time.

Rialto Theatre (GRAYLING)

PROGRAM

Saturday, Nov. 7th (only)

George O'Brien

in

"RIDERS OF PURPLE SAGE"

Chapter No. 9

"VANISHING LEGION" featuring Harry Carey and Frankie Darro.

Sunday and Monday, Nov. 8-9

BIG DOUBLE FEATURE

PROGRAM

Roland Young and Zasu Pitts in

"THE GUARDSMAN"

Stan Laurel & Oliver Hardy in a feature length comedy

"REAL HUNKS"

Tuesday and Wednesday, Nov. 10-11

Lawrence Tibbets—Metropolitan Opera Star—in

"THE CUBAN LOVE SONG"

Comedy News

Thursday and Friday, Nov. 12-13

Jack Holt and Sally Blane in

"DANGEROUS AFFAIRS"

"Beasts of Wilderness" "Comedy"

Pork Chops

The choicest cuts from first class loins. Tasty either broiled or dipped in cracker crumbs and fried.

BURROWS' MARKET

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Storm Sash for all kinds of windows.

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THURSDAY, NOVEMBER 5, 1931

PREPARE CARS FOR COLD WEATHER

**THINNER LUBRICANTS: CLEAN
AND CHECK COOLING
SYSTEM**

Don't wait until after the first frosts to have your car gotten ready for the winter. Practice preparedness. Have the cooling system protected against freezing. But also protect transmission, universal joints, rear axle, and steering gear against the damage that may result if lubricants turned almost solid by the cold fail to reach the highly polished surfaces that turn, roll or slide one against the other. This is the advice given to all motorists by a well-known service manager. He adds the recommendation that the owner always take his car to the authorized service station of the manufacturer where the mechanics are guided by information based on the maker's experience.

Because a frozen cooling system makes itself known by steaming of the radiator soon after the engine is started and because most of us have some idea of the amount of damage that occurs to cylinder jackets, water pump, and radiator when water freezes in the cooling system, the car owners need little encouragement to bring them to a filling station or garage for alcohol or other antifreeze solution when the weather turns cold.

The wise motorist, however, takes his car to the service station for a complete checking up. The cooling system is drained completely, and thoroughly flushed out. All hose connections are checked up and any that are badly old soaked or cracked or leaking are replaced. If the car has been in service for many months a chemical treatment is recommended to loosen up any scale or sediment that may have accumulated in jackets and radiator, followed by such thorough flushing as will get rid of the loosened material.

It is possible for the owner to clean and flush a cooling system, but it is at best a rather nasty, dirty job to do it properly. First, it is important that the chemical cleaning material be handled that no injury to the system or the finish of the car will result.

When the chemical cleaner has loosened accumulations of foreign material the job of cleaning the system is only half done. The upper and lower radiator hose connections must be removed in order that the sediment may be flushed out completely from both radiators and cylinder jackets. In the service station fresh water or water with compressed air is forced into the bottom of the radiator through the lower connection and the water and sediment are carried away from the top of the radiator. By flushing upwards in the direction of normal circulation, any particles of rubber from hose lining that may have lodged at the upper ends of the water passages are washed out. The cylinder jacket is flushed from the top downward. The chemical nature of most cleaners is such that care must be taken not to spill any of the solution on paint or lacquer or on electrical connections. If the solution is allowed to remain in a cooling system for 5 minutes while the car is operated the radiator filler cap basket must be tight, to prevent any leakage of compound into hood or body. After draining the cooling system should be flushed several times so as to remove all of the acid, which is injurious if allowed to remain.

Chassis Lubrication.
Lubricants for transmission, universal joints, rear axles and steering gears must be sufficiently fluid at operating temperature to reach the bearing surfaces. In cold weather many lubricants become as solid as laundry soap or, to use the homely expression, "as stiff as molasses in January." When gears cut channels in stiff lubricant or revolving parts throw the lubricant onto the surfaces of the housing and it sticks there and no longer reaches the surfaces that require oil films for protection, more wear will take place in a few minutes running unlubricated than in months of normal service.

Difficult in shifting gears, particularly into low and reverse, on a cold morning if the transmission is still filled with summer lubricant may give the driver some idea of the resistance which oil frozen almost solid offers to the movement of gears in both transmission and axle. Now that many makes of motor vehicles are equipped with transmissions having the second and third speed gears constantly in mesh the proper lubrication of the transmission is all the more important.

Most modern steering gears require a lubricant soft or fluid enough to follow the working parts and in order to prevent wear must have

lighter lubricant in winter than in summer.

The factory service department of every motor car manufacturer experiments with various lubricants, different types of radiator cleaning and anti-freeze preparations and keeps all authorized service stations informed regarding the results of such experiments and tests in order that the car owner may be protected from making any mistakes that would interfere with the proper and economical operation of his car or truck.

If you are using figured curtains in a room, choose a material with a background the same color as the walls but slightly darker. The principal color in the design of the curtain material should repeat the color of the rug or carpet. Use figured curtains only when the walls have a plain effect.

English cream is a delicious dessert made from milk, eggs, and gelatin. The proportion is one envelope, or two ounces, of gelatin to one quart of milk and from 2 to 5 eggs, according to the desired richness, the season for eggs, or the number available. Half a cup of sugar and a fourth of a teaspoon of salt will be needed and 1 teaspoon of vanilla or any preferred flavoring. Cook the gelatin in half a cup of milk for two minutes. Heat the remainder of the milk, add salt and sugar, and the dissolved gelatin. Beat the egg yolks, add cook until the mixture looks like custard, take from the fire and fold in the stiffly beaten egg whites, and add the vanilla. Pour into a mold. Serve with or without plain or whipped cream or a fruit sauce.

Local Happenings

Next Wednesday is Armistice Day. Mrs. C. C. Wood of Ypsilanti is the guest of her mother Mrs. J. K. Hanson.

Miss Helen Perce spent Saturday in Grand City visiting her brother Leo Perce.

Earl Nelson has returned from Milwaukee, Wis. and expects to remain here.

Regular meeting of Grayling Chapter O. E. S. will be held Wednesday evening, Nov. 11th.

More help is needed at the slide. Take your axe, spade or garden rake and give the fellows a lift.

Mr. and Mrs. Frank Anderson and family visited at the home of Mr. and Mrs. Roy Butler Thursday.

Miss Ellen Guthrie is spending a few days in Bay City at the home of Mr. and Mrs. Clarence Brown.

Another big dance at the Hayloft Saturday night. Don't forget the new prices, 50¢ per couple, extra 10¢ 25¢.

The Women's Home Missionary society will meet at the home of Mrs. Chas. E. Smith Wednesday afternoon, Nov. 4th.

Smith, John of Mr. and Mrs. F. A. Edmonds were Mr. and Mrs. F. A. Edmonds and Mr. and Mrs. Paul Paul of Harrison.

Mr. and Mrs. F. A. Edmonds.

Wednesday in Harrison at Bull Lake, guests of Mr. and Mrs. E. F. Collins at their summer home.

Mrs. James W. Sorenson passed away at his home this morning after a brief illness. Funeral arrangements have not been made.

Mrs. June Brock Underwood, daughter of Mr. and Mrs. Frank Bridges, has just returned from Asheville, N. C. where she has been in the study of music for the past 12 years at the Harmony Hall, Asheville, N. C. She will remain here indefinitely and will teach classes in piano, voice and mandolin guitar.

Mrs. Underwood is a product of Grayling school, is highly accomplished and greatly admired by a host of friends who will welcome her home.

COAL CO. READERS NEW SERVICE

The Moshier Coal & Supply Co. now offers "Basket" service to their customers, at 40¢ per basket. Bring your own basket or bag to the Moshier Service station on U. S. 27. Ton lots of \$7.50, delivered.

Ford Cokes, per ton, \$10.50, delivered.

LEGION MEN ATTEND DISTRICT MEETING

Post Commander Alfred Hanson, Clarence Johnson, Harry Hemmingson, Otto Failing and Wilfred Laur, attended a district meeting of the American Legion held at Midland Monday night and report a fine time. A banquet, a program of speeches with an address by Governor Bruckner who was the main speaker, and a dancing party, made the convention a very pleasant affair. Clarence Johnson speaking for Grayling extended an invitation to the next meeting in Grayling, which will be held in the latter part of February or the first of March. He warned the invitation by telling them that the Winter Sports activities would be in full swing and they could enjoy this fine sport in connection with the meeting.

He told of the new site and the work Grayling was doing, and as there were over 200 men and women present at the meeting, Grayling's Winter Sports were widely advertised.

The invitation was accepted with a lot of enthusiasm so Grayling American Legion will be busy now planning for this big affair. Last summer in June they held a very successful district meeting with about 100 present.

STURGEON TAKEN FOR SEA SERPENTS

"Sea Serpents" reported as seen in practically every one of the Great Lakes adjoining Michigan every year are probably only large fresh water sturgeon in the opinion of the Fish Division of the Conservation Department.

There are large sturgeon in all of the Great Lakes, the unexpected sight of which would probably be enough to frighten anyone. The Division said the larger of the lake sturgeon will weigh 200 pounds or more and are from six to eight feet long. They appear gigantic when they are seen in the hands of a fisherman.

For two years now the sturgeon has been completely protected in Michigan waters.

In the earlier days of Michigan's commercial fishing industry, great quantities of sturgeon were taken in the nets. Because of lack of a ready market these fish were destroyed. At that time the sturgeon of commercial fishermen were considered of little value. The fish was taken a year ago when a fisherman caught a large sturgeon and sold it for \$100.

The largest sturgeon in captivity today in Michigan lives in one of the trout rearing ponds at the Paris state fish hatchery. This specimen, about six feet long, weighs about 150 or 160 pounds. It is a striking example of the fish to the pond every year.

The fish was taken a year ago when a fisherman caught a large sturgeon and sold it for \$100.

Two smaller sturgeon were caught in a nearby pond. These fish are retained in the ponds for a practical purpose. The sturgeon is a "bottom" feeder and lives on the mud which reaches the bottom which the trout will not eat. Consequently, the sturgeon keeps the bottom clean and healthy fish and to avoid disease and death containing one or two sturgeon are occasionally kept in a tank.

LIKE MAY SMITH WEDS FRANK SMITH BEFORE 200 GUESTS

The marriage of Miss Alice May Smith, daughter of Mr. and Mrs. A. C. Smith, 1510 Tuscola street, and Frank W. Smith, son of Mr. and Mrs. A. C. Smith, 1510 Tuscola street, took place yesterday morning here.

The ceremony was performed by Rev. E. J. Edwards, pastor of St. Mary's church, 1510 Tuscola street.

The bride was escorted by her brother, Mr. Frank W. Smith, and the groom by his brother, Mr. Frank W. Smith.

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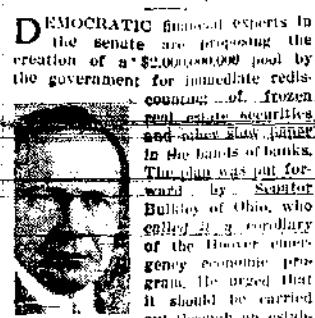
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News Review of Current Events the World Over

**Echoes of the Hoover-Laval Conference—Tremendous
Victory of British Conservatives—Japan Doesn't
Weaken in Manchurian Affair.**

By EDWARD W. PICKARD



Sen. Bulkeley

DEMOCRATIC financial experts in the senate are proposing the creation of a \$2,000,000 fund for the government for immediate relief of the unemployed. The fund is to be used for the purpose of providing relief for the unemployed. The fund is to be used for the purpose of providing relief for the unemployed.

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causing an unpleasant effect on both Chinese and Japanese soldiers. Chinese reports to the Japanese consul at Tientsin indicate that between 20,000 and 30,000 Russian troops are concentrated in the vicinity of Peking.

The Russian government has hoped that Russian pressure on the Manchurian border may act as a check on Japan, but realizes that China would be worse off if Russia should strengthen its grip along the Chinese Eastern railway at Chinese expense.

Japanese dispatches from Harbin said the Russians had sent arms and ammunition to the Amur army of Chinese and Mongols that is supposed to be aiming at establishing Amur as an independent state.

When the league council meets Japan will lay before it, as part of its case, a list of treaties which it regards China has failed to respect. Tokyo refuses to consider the proposal to refer these matters to the Hague peace court, holding there is no difficulty in their interpretation.

OVER in Jugoslavia there are going to have an important election on November 8, and it may result in the curbing of the royal power. Recently Peter Zivkovich, lieutenant general of the royal guard and a popular figure in the country, became premier. Now he has been compelled to resign his commission.

Political observers in the king's action a subtle move to deprive Zivkovich of his great strength.

SUBSCRIPTIONS to the half billion dollar private pool formed according to the President's proposals have been made in so plentifully from all parts of the country that the government has decided to postpone the sale of the pool until the end of the year.

At a meeting of the President's committee on the Philippines, which was held in the White House, the committee decided to postpone the sale of the pool until the end of the year.

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MAKING APOLOGIES

By THOMAS ARKLE CLARK
Former Dean of Men,
University of Illinois.

I suppose at one time or another in his life each one of us innocently or accidentally or under the stress of emotion does something rude or annoying or painful to his friends.

My friends, I beg my pardon at once. Mrs. Clark's statements irritated me beyond control a few months ago, and I blurted out just what I thought. It was the truth which I uttered, but rather rude, cruel truth which wounded her pride and brought her to tears. I knew at once that I had done a discourteous thing, and I was truly sorry and said so almost as soon as my tongue had stopped to wound her. She has never gotten over it, however.

Sheehan became very angry with me last summer about a thing which I had in fact not done at all, but of which he could not be convinced. After questioning my veracity he said some extremely insolent things and slammed the door as he went out of the room. Now Sheehan is young and impulsive, and will probably have more self-control twenty years from now than at present, and I made some allowances for his rage.

I saw him frequently afterwards, but he never saw me. He was occupying himself with the display of haberdashery in the shop windows when we met or with the clouds drifting across the blue sky, so that I did not seem to come within the range of his vision. Just recently he wanted some special privilege very badly which I only could grant. He came into the office quite embarrassed to make apology for what he had said.

"What can I do to show that I am sorry for what I said?" he asked.

"Suppose you speak to me when we meet," I suggested, "and the next time you want to apologize to anyone whom you have injured, don't wait until you want to ask him for a favor." Then we shook hands.

(© 1931 Western Newspaper Union.)

Fur Trimmed Coats

Unusual indeed is the fur-trimmed coat that hasn't its hat and muff to match. This ensemble is in black and white with black astrakhan.

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Bridge Frook

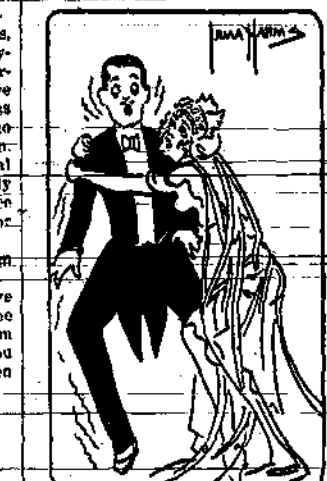


This ankle-length bridge frook in black velvet has rows of stiff velvet tabs outlining the numerous straight seams of the skirt. The same tabs edge the fitted berth.

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GABBY GERTIE



"A man is not longer self-possessed when he trembles at the halter."

Want Ads

FOR SALE—Good 38-55 rifle. Inquire at Avalanche office.

FOR SALE—Spring chickens, alive or dressed. Also curtains washed and stretched, reasonable. Mrs. Frank Jennings, Phone 43-J.

FOR SALE—Winchester 30-30 and several other rifles. Fred Wainwright. 11-5-2

FOUND—A green plaid skirt Wednesday. Owner please call at Avalanche office for same.

FOR SALE—Heating stove, cheap. Inquire at Conning store.

ONE REGISTERED JERSEY BULL, also Reg'd. Holstein bull, will sell or trade for spruce Christmas trees. F. Prielp, R. No. 1, Harrison, Mich.

LOST—Pigskin glove for right hand, Monday, Oct. 19, Margaret Warren. Please return to Margaret Warren, at hospital.

FURNITURE repairing and upholstering. Leave orders at Cash & Carry Store. J. G. Leverton, Jr.

POISON in Your bowels!

Poisons absorbed into the system from searing waste in the bowels, cause that burning, sluggish, bilious condition; heat the tongue; foul the breath; sap energy; strengthen and nerve-force. A little Dr. Caldwell's Syrup Pepsin will clear up trouble like that gently, harmlessly, in a hurry. The difference it will make in your feelings over night will prove its merit to you.

Dr. Caldwell studied constipation for forty-seven years. This long experience enabled him to make his prescription just what men, women, old people and children need to make their bowels help themselves. Its natural, mild, thorough action and its pleasant taste commend it to people of all ages. That's why "Dr. Caldwell's Syrup Pepsin," as it is called, is the most popular laxative drugstore sell.

Dr. W. B. CALDWELL'S
SYRUP PEPSIN
A Doctor's Family Laxative

White Sox Manager



Lewis Albert Farnese will manage the White Sox baseball team of Chicago for the next two years, succeeding Danie Bush, only thirty-two years old, he is the youngest player in major leagues. Few plans to keep his place at left field.

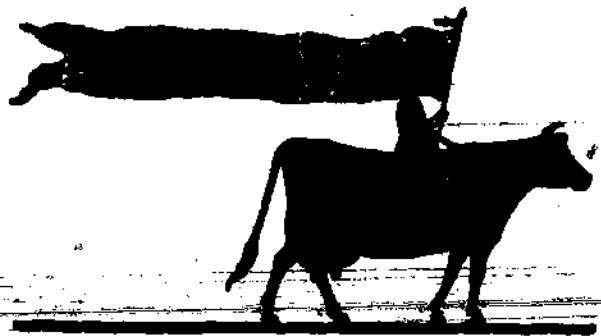
Subscribe for the Avalanche.

Father Sage Says

The reason no man ever gets as much salary as his wife thinks he ought to have is because there isn't that much money.

Subscribe for the Avalanche.

AGRICULTURAL NOTES



The adult clothes moth does not grow in size and does not eat at all during its brief lifetime. The female usually lives about 12 days. When she has ceased laying eggs, dies within a day or two. The moth larvae, or worm, is the one that eats your winter clothes.

Gasoline taxes brought in a net revenue of \$246,373,000 in the first six months of 1931, according to reports to the Bureau of Public Roads. The money will be used chiefly for road building. Nearly 7,218,000,000 gallons were taxed, or 4 1/2 per cent more than in the same period last year.

The chief weather signs preceding a frost are a clear sky, a temperature of 40 degrees F. or lower, and little wind. The Bureau of Agriculture experts. The principal requirement for frost when the temperature is not too high is abundant radiation of heat from the earth, with but little return radiation. A moderate wind usually prevents frost by mixing the warmer air above with the colder surface air. When heavy lower clouds cover the sky they send back much radiation to the earth below, keeping it fairly warm and preventing frost.

Important considerations for wintering bees are: plenty of young bees, a good queen, enough good-quality stores, sound hives, and protection from cold and dampness. A colony needs from 25 to 40 pounds of stores. If there is not enough honey of good quality for the bees to consume during the winter, sirup made of granulated sugar is safe and just as good as honey. Provide the stores early enough so it will not be necessary to feed or open the colony after cold weather. Do not leave honeydew honey in the hives, as it may cause dysentery. Honeys which have a high percentage of gums (most tree honeys) are not so desirable for winter stores.

Khaki-colored mineral-dyed canvas is much more serviceable than the ordinary white canvas for uses on the farm as covers for machinery, sacked grain, shocks, and wagons, and as awnings and temporary shelters. Mineral-dyed khaki is more durable and more resistant to mildew.

Paint manufacturers sometimes of Milk-utensils on the Farm.

Looks Like a Motorist's Nightmare

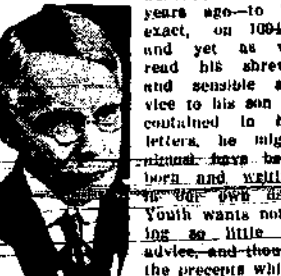


A quarter of a million highway traffic signs have been erected by D. C. Murphy during the winter. He has had charge of the sign posting work of the Automobile Club of Southern California. There are now 64 varieties of signs in the state. More than half are caution signs, including warnings of hospital zones, railroad crossings, the stations, city limits, slow traffic, winding roads, slippery surface, round, pedestrian crossings, one way street, bus zone, etc.

Dress and Character

By THOMAS ARKLE CLARK
Former Dean of Men,
University of Illinois.

Philip Dormer Stanhope, fourth earl of Chesterfield, was born more than two hundred and fifty years ago—to be exact, on 1694—and yet as we read his shrewd and sensible advice to his son as contained in his letters, he might almost have been born and writing the other day.



Youth wants nothing so little as advice, and though the precepts which the earl laid down for the conduct of his son were worthy of consideration, his biographer tells us that they left the boy "still shy, awkward, tactless, and immature."

Lord Chesterfield recognized the great value of careful dress and the revelation of character as seen through the attention which men give to their personal appearance. We could well listen to his words today if we are not too firmly settled in our habits to change either our character or our dress.

"I cannot help forming some opinion of a man's sense and character from his dress," he says, "and I believe most people do as well as myself. Any affectation whatsoever in dress implies in my mind a flaw in the understanding."

A man of sense carefully avoids any particular character in his dress; he is accurately clean for his own sake, but all the rest is for other people's. He dresses as well and in the same manner, as the people of sense and fashion of the place where he is. If he dresses better, as he thinks—that is, more than they—he is a fool; if he dresses worse, he is unpardonably negligent; but of the two, I would rather have a young fellow too much than too little dressed; the excess on that side will wear off with a little age and reflection. But if he is negligent at twenty, he will be a sloven at forty and sink at fifty years old.

Dress yourself in the same plain, neat, and plain where others are plain; but take care always that your clothes are well made and fit you, for otherwise they will give you a very awkward air. When you are once well dressed for the day, think no more of it afterwards."

Clothes tell a lot.
(© 1931, Western Newspaper Union.)

RABBITS ARE DESTRUCTIVE

The hunter is the rabbit's most serious enemy in southern Michigan and were it not for the fact that thousands of cotton tails are killed off every fall, serious damage to fruit trees and gardens would result. In the opinion of the Game Division of the Department of Conservation.

In the northern section of the lower peninsula and in the upper peninsula, the rabbit population is partially held down by such predators as hawks, owls, foxes, coyotes and wolves.

However, in the southern part of the state there are few foxes and few if any coyotes or wolves, but there are more hunters. The rabbit would increase rapidly except for the hunters' guns.

Even with the hunter taking a large annual toll of rabbits in the southern part of Michigan, the rabbit population continues to remain about the same. In many instances farmers are having difficulty in protecting their trees since during severe winters rabbits gnaw large numbers of fruit trees and shrubbery.

In a few instances it has been necessary to take special measures to hold down the number of rabbits. Last year, for instance, a "drive" was organized to move rabbits from Grosse Ile. The Gull Lake Sanctuary near Battle Creek was recently opened to rabbit hunting by the legislature in an attempt to stop damage to nearby fruit trees and shrubbery.

Hunters also help to control rabbits in areas where the state and private interests are engaged in pine reforestation. Rabbits, particularly snowshoes, in the vicinity of recent plantings will at times destroy all of the seedlings and transplants before they are large enough to have gained a start.

In western Kansas, winter wheat planted on summer fallow produced on the average nearly twice as much grain as on cropped fields.

AMUSEMENTS OF THE FIRST PRESIDENT

That both the President and Mrs. Washington suffered from homesickness while in executive residence in New York and Philadelphia, is recorded in history. Mrs. Washington wrote to Mrs. Fanny Washington whom she had left in charge at Mount Vernon: "I never go any place. Indeed I think I am more like a state prisoner than anything else; there is certain bounds set for me, which I must not depart from, and as I cannot do as I like, I am obstinate and stay at home a great deal."

The President, in writing to a friend in Virginia regarding the difficulty of the situation, said: "God knows it has no charms for me. I had rather be at Mount Vernon with a friend of two about me, than to be attended at the seat of government by officers of state and representatives of every power in Europe."

Yet, we are informed by the United States George Washington Bicentennial Commission, there was no lack of gaiety in either city with a continual round of balls, dinner-parties, theatres, concerts, and other diversions, and if the chief Executive and his wife could not join in the most exciting pastimes of the capital, they could at least follow their inclinations in many respects.

In Colonial times there was a passion for gambling in certain quarters, and bets were placed on all games. Loo or Washington sometimes spelled it "loo" was the most popular, and it was no uncommon thing for a minor woman to win or lose two or three hundred dollars at a sitting. There is no record, however, of Washington's winning more than three dollars out of his shillings and pence. In fact, Washington always played for small stakes. He seemed to be interested in the game and the diversion it afforded rather than the winnings.

Washington's fondness for cards and billiards shows in his diary an account where before he became President he often recorded that he had been "home all day at cards" and itemized purchases of "one do. packs playing cards."

Washington's natural fondness for horses and racing and sometimes cock-fighting during his life, was entirely in keeping with the traditional tastes of the Virginia gentleman. He not only subscribed liberally to most of the racing papers but ran his own horses, attending in person, and betting moderately on all the results. He was fond of riding to hounds, and when at Mount Vernon this was one of his favorite pastimes.

He loved hunting and fishing and dragging for sturgeon, too, and often went duck hunting. Although these pursuits were for the most part impossible while Washington was in office, he did occasionally manage to slip away. In 1790 a paper records: "Yesterday afternoon the President of the United States returned from Sandy Hook and the fishing banks, where he had been for the benefit of the sea air, and to amuse himself in the delightful recreation of fishing. We are told he has had excellent sport, having himself caught a great number of black sea bass and black fish—the weather proved remarkably fine, which, together with the salubrity of the air and wholesome exercise, rendered this little voyage extremely agreeable—and cannot fail to be of long serviceable to a speedy and complete restoration of health."

Both the President and Mrs. Washington were exceedingly fond of the theatre in spite of the vigorous opposition recorded this art in every state of the Union. During his Presidency, Washington used the theatre for entertaining his ledger showing purchases of tickets bought and sent to various ladies and gentlemen with the invitation to occupy a seat in his box.

They went to puppet shows, to see dancing bear and to Mrs. Bowen's wax-works at No. 74 Water Street, New York, and also attended the circus where a famed equestrian of the times performed in the ring with his company of skilled riders and acrobats.

Although Washington was extremely fond of dancing, and was an accomplished dancer of the period, the consensus of opinion is that neither he nor Mrs. Washington danced while he was in office. Some historians maintain that he danced at a ball which was given in his honor soon after his first inauguration, and before Mrs. Washington had arrived from Mount Vernon. On this occasion it is reported to have danced the cotillon with Mrs. Peter Livingston and Mrs. Maxwell, and to have led the minuet with Mrs. Maxwell's sister, Miss Van Zandt, one of the famous beauties of New York.

An average cow needs about 118 cubic feet of air each hour, or about 260 pounds of air every day.

This Woman Lost 64 Pounds of Fat

Mrs. H. Price, of Woodside, L. I., writes: "A year ago I weighed 187 lbs. I started to take Kruschen and now I weigh 123 and never felt better in my life and what's more, I look more like 20 yrs. old, than the mother of 2 children, one 19 and the other 18. Every one of my friends say it's marvelous the way I reduced."

To lose fat with speed take a half teaspoonful of Kruschen in glass of hot water before breakfast every morning—don't miss a morning—an 85 cent bottle lasts 4 weeks—get it at Mac & Gulleys or any drug store in America. If not joyfully satisfied after the first bottle—money back.

SAFE

BEWARE OF IMITATIONS

Timed to Meet Seasonal Changes!

ON the mark, ready, the pistol cracks, the sprinters are off. That's quick starting, beautifully timed. That's the kind of action you get from your car with STANDARD RED CROWN—the better gasoline—in the tank.

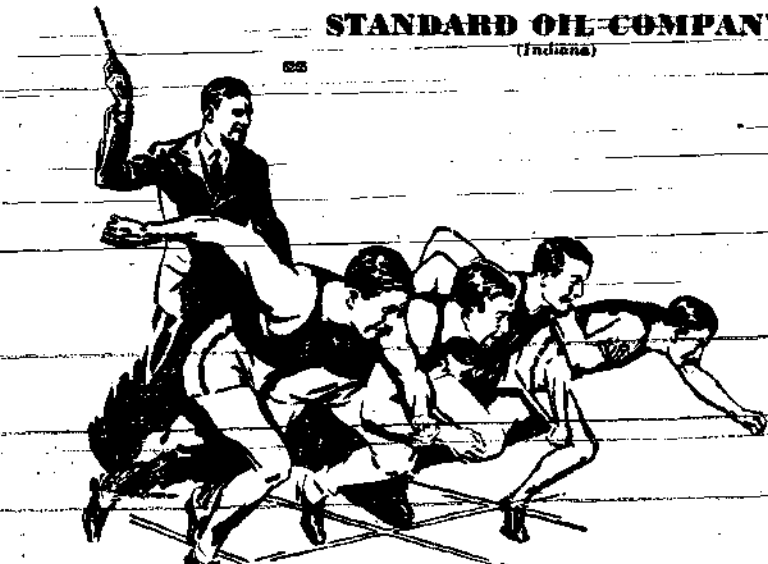
The Red Light is on. Your car is at a stop. But at the turn of the light she's ready. At the green she's off. In a split second the engine has heeded your signal. That's the kind of action you'll appreciate in cutting, cold weather. Your engine never loafs nor lags at the start if it's fed STANDARD RED CROWN—the better gasoline. For this new, sparkling, brilliant fuel is adjusted to seasonal changes. It's adjusted to modern driving conditions. It's priced to meet the present economic trend.

It Burns Clean at Any Speed!

Ask for STANDARD RED CROWN today. It gives maximum performance at a moderate cost. Sold where the Red Crown emblem is displayed.

STANDARD OIL COMPANY

(Indiana)



EASY STARTING ACCELERATION POWER



More dairymen are feeding commercial mixed feeds. Laws governing the sale of mixed feeds require that the label on the bag give the chemical composition. The open formula differs from the closed formula in that the former also gives the kinds and quantities of ingredients in the mixture.

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J. F. SMITH

Service Station

Dunlop Tires

Provide a sense of safety against winter tire troubles. Play safe.

It pays to have good tires for winter driving. Dunlops have stood the test and they satisfy all who try them.

The New Standard Red Crown Gasoline

is a wonder. Try it. Sold at regular price. Sold here

Auto Accessories Phone 5 R

Read the Avalanche and get all the home news. It may not save your life but it will save you money

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AT Hanson Hardware Company's

This Week

Ivory and Green Pans, your choice, each 29c
Roasters 79c and 99c. Dust Mops, each 47c

Toilet Paper, 1,000 sheet rolls 3 for 19c

Thin Water Glasses, 6 for 25c

48c per dozen

Lots of other bargains; come in and look them over.

PHONE 21

News Briefs

THURSDAY, NOVEMBER 5, 1931

John Bruun was in Lansing Tuesday on business.

Carl Loskos and little son Roger returned to their home in Grand Rapids Friday, after a two weeks visit here with his mother Mrs. Kate Loskos.

Dan Flynn of Rose City is spending a few days at the home of his daughter Mrs. Menno Corwin. He is receiving medical treatment at Mercy Hospital.

The Grange is still in the race for the Red Arrow money prize. Anyone wishing to contribute to this worthy cause should send their coupons to Mrs. Seeley Wakeley.

A son James Henry was born to Mr. and Mrs. Roy Butler, October 27.

Mr. and Mrs. John Harris of Gaylord visited Mr. and Mrs. E. N. Darveau Monday.

Sweet cider made from Northern Spy apples, 25c per gallon. Five gallons and over 20c per gallon. Arthur Wendt.

The Lumberjack basketball team had their first regular practice Monday night with most of the old gang out.

Dr. G. B. Moffat, director of the Consolidated District Health Department will attend the Governor's conference on child health, to be held in Lansing on November 9.

Red Arrow money will be accepted with much appreciation by the Ladies Aid of Michelson Memorial church who are working for second place in the Red Arrow contest.

D. Trevegno of Cadillac visited his daughter Mrs. Louise Conzine Monday and Tuesday.

Adolph Peterson has been ill at his home for the past week and his condition remains about the same.

Bernard and Bryan Brady of Detroit are visiting at the E. J. Callahan and John Brady homes.

Dickie Dawson, little son of Mr. and Mrs. Earl Dawson had his tonsils removed at Mercy Hospital Monday.

Crawford County Grange enjoyed a chicken dinner at the farm home of Mr. and Mrs. George Annie Sunday.

Mrs. Herbert Gothro returned from Oscoda Monday where she visited her brother and family for a couple of weeks.

Mrs. Kate Loskos was in Bay City recently visiting her new grandson, Conrad Eugene Ekkan, who was born to Mr. and Mrs. Clarence Ekkan on October 22nd. The mother was formerly Gertrude Loskos.

The remains of Mrs. Luellie Baker, widow of the late Alfred Baker were brought to Grayling Friday and interred in Elmwood cemetery beside the remains of her late husband, Mrs. Baker, who was well known in Grayling, passed away at her home in Flint, Oct. 18.

Mrs. Herbert Ward was in Bay City Saturday consulting Dr. P. R. Urmstrum an eye specialist about her left eye that she suffered such a severe injury to in a recent automobile accident. She was accompanied by her sister Mrs. Albert Schroeder and Billy McLeod.

Since starting last Saturday we have winter-tuned a large number of autos. See our advertisement on the last page and note the generous service we offer for only \$6.00. That is cheaper than you can do it yourself. Phone Schram's Service station. We will call for your car and return it when ready.

Rome Beauties from Bangor sounds like a queen contest, but instead it is the name of one variety of apples that are raised there so abundantly. A tempting box containing Rome Beauties and Golden Delicious apples was received at the Editorial sanctum Tuesday, sent to us by our good friend L. M. Edwards, a former employee here. Bangor is certainly a great apple country.

Paul Hendrickson is in Gaylord on business.

Miss Viva Hoesli is spending the week at the George Mallinger home in Higgins Lake.

Mercy Hospital Aid society will meet at the home of Mrs. Henry Bauman on Thursday, November 12th.

Have your car winter-tuned. Read in our display advertisement what we will do for \$6.00. Leo Schram Service Station. Adv.

Miss Retta Leadbetter, student nurse is at her home in Vanderbilt recuperating from a recent appendix operation.

Mrs. Peter Smith who had the misfortune to fall at her home Sunday night is getting along nicely at Mercy Hospital.

Mr. and Mrs. Arvo Kangas and family, and Mr. and Mrs. Carl Tahvonen spent Sunday in Lewiston visiting friends.

Miss Nettie Turpin of Lewiston visited at the home of Mr. and Mrs. Carl Tahvonen a few days the latter part of the week.

Misses Elaine Duby and Mamie McRae of Cheboygan have entered Grayling Mercy Hospital Training school for nurses.

There will be a meeting of Grayling Rebekah Lodge, No. 122, Thursday evening, Nov. 12. Report from assembly meeting will be given.

Dr. C. G. Clippert and daughter Billyann and Mr. and Mrs. E. H. Webb are spending the day at the Webb farm home. Mr. Pleasant.

Cost by the hour—Soft coal \$7.50 and Hard coal \$10.50. delivered. Moshier Supply Co. Leave orders at Moshier Service Station. Adv.

Mr. and Mrs. E. J. Hopkins of Flint and Jack P. of St. Louis, Mo., were guests of Mr. and Mrs. E. G. Clark and family Saturday and Sunday.

Mrs. Carl Dorsh and daughter Wanda and the former's father W. H. Katzbeck left Tuesday morning to spend a few days in Flint and Detroit.

The Ladies Aid of Michelson Memorial church will meet with Mrs. T. P. Peterson on Friday, Nov. 6th. Anyone having Red Arrow money please bring it with them.

Mr. and Mrs. Albert Roberts and family drove to Reed City Sunday. They accompanied home Mr. and Mrs. Henry Roberts, who have been visiting here for several weeks.

William Porter employed as a woodman near Escanaba received an injury to his back Tuesday afternoon, when he was struck by a large limb from a tree. He is a patient at Mercy Hospital.

A marriage license has been issued to Ezra Higblan, Frederick and Emma Johnson, Frederic and also an affidavit for a marriage license to Fred E. Medendorp, Grayling and Pansy Nicholas, Grayling.

Mr. and Mrs. Roy Billings of Bay City were visitors at the home of A. E. Hendrickson this week. They returned to Bay City today accompanied by Mrs. Billings' father, John Snegron, who had been visiting here.

Mrs. Nick Schlotz was in Saginaw last week in attendance at the Smith-Dunn wedding. On her return she was accompanied by her uncle John Olson, who remained for a short visit with relatives and old friends.

Lawrence Kearney of Muskegon, who had been visiting his sister, Sister Mary Stella at Mercy Hospital for about three weeks returned home Thursday. He was accompanied by Sister Mary Stella as far as Reed City, where their mother resides.

Mr. and Mrs. Harley Kennedy entertained a number of friends Friday evening at their home in honor of their wedding anniversary. In keeping with Halloween the house was decorated very tastefully and the evening spent in dancing and games. The hostess served a delicious lunch.

Mr. Harris of the State Highway Department was in town Wednesday securing right of way for proposed M-76, the contract of which is scheduled for this winter. Mr. Harris has been very successful in negotiating with the land owners, holding the average over which the road will be built.

Harry Hutchinson, yard foreman for the Kray & Hanson Flooring Company was the victim of a serious accident this morning at about eight o'clock, when he accidentally got his head caught between a couple of logs in the yard where he had a crew at work. He is at Mercy Hospital where it was found that he had suffered a fractured skull and other head and face injuries.

About 40 friends and members of the L. N. L. gathered at the home of Mr. and Mrs. Paul Feldhauser Wednesday evening for a social meeting. Pinocle and Pedro were played, prizes being won by Mrs. Fern Feldhauser and Mrs. Bertha Williams. The potter prize was won by Grandma Dutton. At eleven o'clock the committee served a delicious lunch. Everyone present voted a most enjoyable time.

Mrs. C. R. Keyport and Mrs. C. G. Clippert are enjoying a ten day pleasure trip. They left Grayling at 6:30 o'clock Tuesday morning and arrived in Indianapolis, a distance of 428 miles, at 5:30 in the evening, where they were guests of Mrs. Clippert's brother Lloyd M. Webb. After a few days there they will go to Nashville, Tenn., to visit Miss Jane Keyport at the Ward-Belmont School for girls. Returning they will stop in Chicago where they will visit Dr. Preston Bradley, pastor of the People's church, who is a cousin of Mrs. Clippert.

Our Big November Sale

Has Caused Quite a Sensation

Imagine buying Ladies and Misses coats for

\$2.95 and \$5.95

Women's Artics at

\$1.29 and \$1.95

Blankets at

\$1.49 and up

Buy your children's Shoes for school at

1-5 to 1/2 Off

A few Girl's Coats left at

\$1.00

Boy's Mackinaws at 1/2 price.

Men's ribbed fleeced Union Suits for

95c

Men's all wool Overcoats for

\$13.95

Boy's and Girl's Winter Union Suits at

59c

Men's Jersey Coats at

\$1.19 and \$1.39

Men's Hunting Caps. Alpena Wool Coats. Blazers. High Top Shoes, at lower prices.

Ladies New Winter Hats at **\$1.95** and Up

Latest styles in Women's and children's Goodrich Zippers—All sizes.

Boy's High Top Shoes at **\$2.95** and **\$3.50**

Men's Flannel Shirts **\$1.25** and Up

Grayling Mercantile Co.

The Quality Store—Phone 125

Leave orders at Moshier Service station for coal and coke. Adv.

Marcus Scheef, state forester was in Grayling Monday on business.

Mr. and Mrs. A. J. Trudeau and son of Midland spent the week end at the home of Mr. and Mrs. Herbert Trudeau.

Howard Granger and Gerald Poor drove to Lansing Friday, to spend the week end. They returned home Sunday.

There will be a meeting of the American Legion Auxiliary at the Legion hall next Tuesday evening, November 10th.

Mr. and Mrs. Leo Jorgenson and daughter Leone and Mr. and Mrs. Oliver, family, spent Saturday in Cadillac.

Mrs. Fred Stollfus and her niece Miss Doris Rich of Cleveland spent the week end at the home of Mr. and Mrs. Roy Butler.

Mrs. George Mallinger and children Joseph, Marie and Kathryn left Sunday to spend the week in Detroit and Pontiac.

Dr. and Mrs. G. B. Moffat are entertaining the former's parents, Mr. and Mrs. J. K. Moffat of Toronto, Canada, this week.

Misses Bunny Montour and Mary Mahacke went to Bay City Tuesday to visit Miss Evelyn Johnson. They returned Wednesday.

Miss Clara Bugby and Mrs. Don Reynolds entertained a few of their friends at a Halloween party at the home of the former Saturday night.

Time to order your Christmas greeting cards now. A fine line to select from. We'll hold them for you until Christmas. Avalanche Office.

Mrs. A. J. Joseph and Mrs. Frank Rockwell of Gaylord drove to Traverse City Tuesday to visit Mr. and Mrs. Alvin Burch, the former who is ill.

A small blaze caused from a defective chimney at the Cash & Carry Store caused a lot of excitement, but slight damage early Saturday afternoon.

Misses Mary Montour and Helen Elaine McLeod entertained six little guests at a Halloween party Saturday, Oct. 31 at the home of the former. Mary Gretchen Connors, Dorothy Morris, and Virginia Kraus were the recipients of prizes awarded. At 5:00 o'clock the guests were served a delicious lunch from small pies gaily decorated in Halloween designs.

It seems to be the general opinion that Northern Michigan never had a pleasanter summer and fall than this year, as far as weather is concerned. This fall especially has been quite ideal. There have been some rains.

It was followed by warm weather. This morning gave us our first snow and it was hardly more than a flurry. Mingled in the weather was, besides snow, a little rain, some hail and more sun.

Representatives of the Department of Conservation will be in Grayling next week to look over the new location for our Winter Sports activities. We have reason to believe that their visit will result in financial assistance for the Grayling Winter Sports Association, which will mean that better and more varied facilities for winter sports may be made available in the new location which is on State owned land.

Miss Josephine Nichols spent the week end in Lansing.

Mr. and Mrs. Lon Heath and daughter Joyce spent the week end in Flint.

Mr. and Mrs. Phil Quigley attended the Potato Show at Gaylord Thursday.

Start the winter right. Have your car winter-tuned, all for \$6.00. Leo Schram Service Station. Phone 123.

Mr. and Mrs. Alfred Hanson and Mrs. Myrtle Peterson, drove to Bay City and Saginaw Friday on business.

Samuel Johnson and son Theodore of Detroit visited at the homes of Mrs. Mansie Hanson and A. E. Hendrickson Saturday and Sunday.

Mr. and Mrs. O. P. Schumann visited their daughter Miss Mary at Olivet college Sunday. A burned out hearing held them up at St. Johns until Monday night, but their stay there was made pleasant by Editor and Mrs. Schuyler Marshall.

John Bruun at the invitation of Alexander Ruthven, President of University of Michigan, is attending a conference of Michigan land owners, held at Ann Arbor Thursday and Friday. The meeting is called for a discussion of forest and taxation problems.

Sixteen little girls enjoyed a Halloween party at the home of Virginia Scott last Thursday afternoon. While the games were being played they were visited by a ghost, who told them a creepy story. A delicious lunch was served by Virginia's mother.

A rumor has been spread around Grayling that the Ladies Aid of Michelson Memorial church are out of the race in the Red Arrow contest. This is untrue. Anyone wishing to turn in Red Arrow money may do so to Mrs. Fred Welsh. This courtesy will be appreciated very much by the Aid.—Adv.

For the pleasure of eight little girls, Mrs. Fred R. Welsh, Mrs. Roy Milnes and Mrs. Emil Giegling gave a Halloween party at the Board of Trade rooms Saturday afternoon. The youngsters came costumed as elves, ghouls, etc., and played Halloween games which quite satisfied their thrill to do justice to the time-honored holiday.

Mr. and Mrs. George Schaible, daughter Beverly and son George Jr. spent the week end in Lansing. En route they stopped at Bath, Mich., where they visited their brother-in-law Henry T. Baumgras, who was a guest at the home of a sister. Mr. Baumgras is making his headquarters at the Soldiers Home in Grand Rapids, and the condition of his health is about the same.

Representatives of the Department of Conservation will be in Grayling next week to look over the new location for our Winter Sports activities. We have reason to believe that their visit will result in financial assistance for the Grayling Winter Sports Association, which will mean that better and more varied facilities for winter sports may be made available in the new location which is on State owned land.

Miss Maxine Adams of Mackinaw City spent the week end here.

Charles Amidon visited his son Ray in Flint over the week end.

Misses Margatha and Olga Nelson entertained at two tables of bridge Tuesday evening at their home. Mrs. Jess Gates held the high score.

Mrs. P. M. Hoyt, a former resident of Crawford county, died at her home last week in Mt. Morris. Mr. Hoyt was at one time the treasurer of Maple Forest township.

Mrs. M. A. Bates was called to Grand Rapids Monday owing to the illness of her granddaughter Barbara Elizabeth Hermann, daughter of Mr. and Mrs. Alfred Hermann. The little girl is reported better.

The Junior class of the Battle Creek High School are to present their class play on November 20-21 and Jack Zeder, a former Grayling boy has one of the leading roles. The title of the play is "The Baby Cyclone."

Mr. and Mrs. Lorane Sparkes and children drove to Lansing Friday and spent the week end as guests of Lt. and Mrs. R. E. Bates. They were joined there by Ben Jerome and sons Arnold and Ben Jr., of Syracuse, N. Y. The party attended the Michigan State-Syracuse football game Saturday.

Mr. and Mrs. Walter LaMotte received a most agreeable surprise Monday evening, when a crowd of relatives and friends numbering 31 invaded their home. The occasion was Mrs. LaMotte's birthday anniversary, and the crowd made merry until after midnight, when a fine pot luck lunch was enjoyed.

George W. McCullough and Efner Matson, who have operated a barber shop in the building next to the Kraus dry good store for a number of years dissolved partnership Tuesday, the latter selling his interest in the business to Mr. McCullough. Mr. Matson has no plans for the future, however Mr. McCullough will continue business in the same old stand.

A large crowd attended the Masquerade party at the Hayloft Saturday night. Everyone came dressed for the occasion and there were a variety of costumes. Harold Skingley got the prize for the best dressed man while Mrs. Ray Skingley received the prize for the best dressed lady. John Charlefour captured the prize for being the most comical dressed man and Emma Feldhauser received the prize for the most comical dressed lady. Everyone had an enjoyable time.

Proceeds from the Winter Sports dance last Saturday amounted to a neat little sum. Although there was not much of a crowd at the time the dance began, as the evening progressed, it became bigger. The music was donated for the occasion by some of our local musicians, Leo Schram, Don Reynolds, Harold McNeven, Marjorie Hanson and Don Young and it was full of pep and everyone enjoyed it very much. The committee wishes to thank all those who helped in any way to make the party the success it was.

Hunting

Boots, Shoes Socks and Gloves

At Reduced Prices

We have a complete stock of all kinds of footwear that you will want for deer hunting, and we have reduced the price of all heavy rubbers and boots.

Light weight lace hunting boots, 16 inch black or tan, were \$6.00 now

\$5.50

Our best 16 inch waterproof leather boots, now

\$9.50

2 to 6 boy's sizes, same leather and construction at

\$6.50

16 inch solid leather boots, Composition soles

\$4.75

Rawhide 72 inch laces reduced to

20c

Men's Felt Shoes with felt soles reduced to

\$2.65

Leather soles from \$4.25 to

\$3.75

Men's heavy work rubbers for felts, now

\$1.85

Canvas gloves, 10 to 25 cents, 3 pairs for the price of 2 pairs.

Largest assortment of heavy sox in town at 15% off the regular price.

Sheepskin packs were \$1.40 now

\$1.15

We also have Men's Zippers, cloth 4-buckle artics. All rubber artics, low lace boots, hip boots and everything else that you may need to go hunting such as laces, shoe grease and insoles.

OLSON'S SHOE STORE

THE ENNA JETTICK STORE, GRAYLING, MICH.

Crawford Avalanche

POTATO, APPLE AND SEED SHOW SUPPLEMENT

GRAYLING, MICHIGAN, THURSDAY, NOVEMBER 5, 1931

FIFTH ANNUAL EDITION

Small Fruit Offers Opportunity Here

THREE BERRY CROPS USED AS ILLUSTRATION BY STANLEY JOHNSTON

Stanley Johnston, superintendent of the South Haven Experiment Station, gave the following information on the opportunities for small fruit in northern Michigan.

Mr. Johnston discussed primarily the red raspberry, the strawberry, and the blueberry. "These three berry crops," he remarked, "offer the grower many opportunities."

"Certain parts of Northern Michigan have already attracted considerable attention as successful producing areas of Cuthbert red raspberries. Apparently the Cuthbert does better in parts of Northern Michigan than it does in the southwestern part of the state. Where the Cuthbert can be grown successfully it is without peer among red raspberries due to its excellent quality and exceptional canning ability. This variety no longer seems to do well in southwestern Michigan on account of its susceptibility to leaf curl, one of the virus diseases, and accordingly it is being replaced by a large extent by Latham. The latter variety, while it is vigorous and productive, is of inferior quality and is not adapted to commercial canning because the berry crumbles in the canning process."

Small fruit growers in the northern part of the state would do well to continue growing Cuthbert rather than other red raspberry varieties. There will always be a demand for good quality fruit of this variety and also a demand for healthy plants. Nurseries are constantly looking for sources of Cuthbert stock free from disease. Commercial fruit canners of the state will also be interested in obtaining Cuthbert berries when they would not be interested in the fruit of any other red variety. This insures a double market for the fruit which is a very desirable situation, especially during years of heavy production.

"It is unlikely that the black raspberry can be grown in Northern Michigan as successfully as in the (Continued on page 2)

Standard Potato Club Shows Value of Better Grading

J. J. Bird, potato specialist gave a very interesting talk on table stock production at the general session on Thursday. He outlined the plan and purpose of the Michigan New Standard Potato Club, and gave results of its first year's trial. Quotations from his address follow:

About one-tenth of the potato growers in Michigan grow high quality tablestock. The New Standard Club is designed to insure the production of a fancy grade of superior quality tablestock by regulating somewhat the production methods employed, and to identify the product on the market.

"This first year, 137 growers joined the Club, growing a total of 1275 acres. Due to growing conditions only about 40,000 bushels of potatoes will make the Fancy grade. The fields were inspected once during the growing season to see that the growing type of soil used, early planting, close spacing and proper spraying were being followed. Field inspections did not consider disease, since the grade is not to be confused with seed production. (Continued on last page)

Pearl Bonter Is Premier Grower

WILL COMPETE AT STATE SHOW FOR \$125.00 TRIP NEXT SUMMER.

A new premier potato grower was announced at the show with the selection of Pearl Bonter of Pellston, Emmet County, as the winner.

Mr. Bonter won this contest in a field of fifteen growers with a total score of 139.3 points. His nearest competitor was K. Klooster of East Jordan, with a score of 126.9 points. This contest was open to any potato grower within the Top O' Michigan territory, who produced five or more acres of certified seed or Michigan new standard tablestock potatoes. The contest was judged on the following points: Yield, Quality, and Showmanship.

Records were taken under direct supervision of the potato division of the Michigan State College. Farmers from five counties were entered as follows: Emmet, Charlevoix, Presque Isle, Otsego, and Cheboygan.

Other winners in this contest were: Ed. Rambold, of Metz, 743.9 points; Reiser Bros., and Hopp of Hawks, 731.7; Harry Behling of Charlevoix, 724.4; K. A. Smith of Gaylord, 720.8; Roland Hink of Petoskey, 705.8; Dale Nichols of Pellston, 671.7; Wayne Townsend of Gaylord, 641.7; Mark Demerest of Johannesburg, 632.2; Albert Dietz of Hawks, 627.1; McKenzie of Johannesburg, 613.3; A. J. Townsend of Gaylord, 600.4; A. P. Winkler of Gaylord, 582.6; Otto Grambo of Metz, 559.3.

Mr. Bonter was awarded a beautiful Athlon-Lamp and was automatically selected as the contestant from the Top O' Michigan territory to the State Show at East Lansing in February, where contestants from five other shows will compete for a \$125 trip to some out of state potato growing section.

Mr. Bonter has been a regular exhibitor at the show and won third place in this contest last year. His friends were glad to see him win this year and are "rooting" for him at the State Show.

Potatoes Needed In Regular Diet

MISS HARRIS POINTS OUT ERROR IN FATTENING QUALITIES

"Potatoes as a food have often been credited to Ireland, but history says the Spanish first found them in America and took them back as part of their offering from the new world, according to Miss Margaret Harris, assistant state Home Demonstration Leader at Marquette, Mich., who spoke on the Women's Program of the 10th Annual Top O' Michigan Potato and Apple Show."

"Potatoes as a food are important for the minerals and vitamins they furnish and economically are of great value in Michigan. The large part of the potato being starch has led many to believe that the carbohydrate is the only thing of food value to consider. The composition of an average potato is 75 to 79 per cent water; 14 to 20 per cent carbohydrate; 2 to 2.5 per cent protein; 1 per cent ash, and a trace of fat. While the potato is rightly called a starchy food, it supplies bulk, another important need in the diet."

"From the standpoint of acid-forming and base-forming qualities, it has been said that one medium sized (Continued on page 8)

Seven Hundred Sixty-three Exhibits Apples - Potatoes Vie for Honors at 9th Show

FRANK GUY OF PELLSTON SWEETSTAKES WINNER AGAIN IN SPUDS; HOMER WARING OF ANTRIM APPLE SWEETSTAKES WINNER

Apples took the lime light at the 9th Annual Top O' Michigan Potato and Apple Show held at Gaylord last week.

Nature favored the Top O' Michigan last year with beautiful sunshine mixed with sufficient rainfall so that apples of highest quality with bright red cheeks hung heavily from the thousands of apple trees in this territory.

The apple growers, quick to sense the opportunity of making a little extra cash in the way of premiums, selected their best and literally brought them to Gaylord in truck loads, and they were amply repaid.

When all entries of apples were in there were just four hundred two. This was more than twice the number exhibited last year, when only 155 entries were made.

The potato men were also anxious to show their ability at showmanship and did not, in any way, show the effects of the agricultural depression. Possibly the attractive premiums offered were responsible in part for the 361 entries of potatoes. Twenty dollars for the best peck looked considerably more attractive than eighteen cents a bushel for U. S. No. 1 table stock at the local warehouse.

Of course the quality was much better, in fact far superior to the U. S. Fancy grade. When John Tucker, judge, finished his talk he remarked that it was one of the best potato shows, devoted primarily to Russet burials, that he had ever judged.

Frank Guy of Pellston was the outstanding winner in the potato classes, having won the sweetstakes for the second consecutive year and all that goes with it in the way of cash premiums, silver loving cups and trade prizes.

This is the first time in the nine years of the show that the same potato grower has won a second time. Mr. Guy is also a recent exhibitor, having exhibited for the first time three years ago.

Homer Waring was the outstanding winner in the apples with sweetstakes in both plate and trays and first in bushels.

In the potato classes there were 361 entries in the open class of Russet burials; ten in White Russets; four in any other variety of late potatoes; eight in Irish Cobbler; six in any other early variety; fifty-nine in general; six county; twenty-five certified Irish Cobbler; two any other variety; one certified; ten baking; eleven best potato; ninety-seven in all.

In the apple classes there were one hundred eighty-three plates; ninety trays; fifty-seven bushels; seven collections of fifty; twenty-four fancy packs; and forty-one best apple.

The complete list of winners in the potato and apple classes is as follows:

A complete list of winners at the show is as follows:

Potatoes
Class 1 - Russet Russets (32 potatoes).
1st. Frank Guy, Pellston.
2nd. Allan Taylor, Metz.
3rd. Adolph Reiser, Hawks.
4th. Fred Schmalzried, Levering.
5th. Reiser Bros. and Hopp, Hawks.
6th. Wm. Shepard, East Jordan.
7th. Harry Behling, Boyne City.
8th. Frank Rottler, Alanson.
9th. A. N. McDonald, Millersburg.
10th. Wm. Reiser, Hawks.
11th. Geo. Boswell, Johannesburg.
12th. Wm. Reiser, Hawks.
13th. Mark Demerest, Johannesburg.

Class 2 - White Russet (32 potatoes).
1st. Reiser Bros. and Hopp.

Apples
1st. Homer Waring, Kewadin.
(Continued on last page)

Alfalfa Seed Joins Potatoes and Apples In Show Competition

For the first time in the history of the show premiums were offered for exhibits of alfalfa seed.

This new feature of the show, attracted eleven alfalfa growers of the Top O' Michigan.

These exhibitors exhibited certified seed while five brought in uncertified common.

Mr. H. E. Decker, in charge of the Certification work of the Michigan Crop Improvement Association, judged the exhibits and declared H. L. Osterlander of Afton the first prize winner in Certified classes and the sweetstakes winner.

The alfalfa seed was judged on the basis of purity, color and lustre, freedom from damaged seed, maturity and uniformity.

The complete list of winners in this division were as follows: Certified Alfalfa Seed - 1st. H. L. Osterlander, Afton; 2nd. Albert Deitz, Rogers City; 3rd. Fred Katoma, Glennie; 4th. A. E. Longpre, Charlevoix; 5th. Mrs. Jennie Thomas, Afton; 6th. O. R. Mederick, Glennie.

In the Common Classes winners were: 1st. S. P. Hertzler, Glennie. (Continued on last page)

Annual Banquet Was Big Success

BALDWIN MADE IDEAL TOAST. MASTER AND KEPT EVERY ONE HAPPY

The annual banquet held in connection with the Potato and Apple Show was well attended and a good program was presented.

Three hundred farmers and business men sat down to a bounteous serving of food prepared by the Methodist Ladies of Gaylord.

President Decker of the Potato Show introduced L. S. Baldwin, manager of the Auburn Iron Works of Manistota, who presided and very ably as toastmaster.

Keeping everything moving along in splendid manner, Mr. Baldwin introduced as the main speaker Professor E. L. Austin of the Michigan State College, following a brief address of welcome by Felix Rouma, Mayor of Gaylord.

Professor Austin is the head of the Department of Education at that institution and gave a splendid talk on the schools of our state and its effect on our youth.

"The school, the church, and the home are the tripartite that control the destiny of our country," he remarked.

Professor Austin had particular emphasis on the needs of our school system and pointed out that even though they seemed enormous, we were spending only five cents per day per capita in the United States for our school children.

"The statistics show that every dollar spent for schools in Michigan we spend five dollars for crime, agriculture and other matters for automobiles."

There are 33,000 public schools in Michigan exclusive of private or state schools and that over 1,000,000 children are in school in this state, he stated.

He concluded his remarks with the statement that in 1928 over \$149,000,000 was spent for operating expenses of Michigan Schools with an additional investment of \$24,000,000. "This, then is the biggest industry in the state."

(Continued on last page)

TOP O' MICHIGAN GROWERS ARE BEST

Eight of the twelve counties of the Top O' Michigan territory contain 99 per cent of the certified seed potatoes of the state and 67 per cent of the state acreage during 1931. This should produce over 75 per cent of the certified seed.

In the New Michigan Standard Potato Club seven counties in this area have 21 per cent of the members and 24 per cent of the state acreage. This was the progress the Top O' Michigan growers have made during the last decade.

J. Tucker Explains Use of Good Seed

PREPARATION OF SEED BED ALSO MOST IMPORTANT FACTOR

Editorial Note: Mr. Tucker judged the potatoes at the 9th Annual Top O' Michigan Potato, Apple and Seed Show and appeared on the program on several occasions. We print below the paper prepared by him.

The potato occupies fourth place in the value of all field crops grown in Canada, being exceeded only by wheat, oats, and the hay and clover crops. The average area planted to potatoes for the past ten years was 284,000 acres. The average crop is estimated at 84,000,000 bushels per annum. The value of the crop averages \$60,000,000 per annum.

The distribution of the crop is roughly as follows: 28.2 per cent in the Maritime Provinces (Prince Edward Island, Nova Scotia and New Brunswick); 30.5 per cent in Quebec; 21.9 per cent in Ontario and 19.4 per cent in the four Western provinces. This works out roughly at 20 bushels per capita for the Maritimes, 8 bushels per capita for Quebec, 5 bushels per capita for Ontario and 5 bushels per capita for the Western provinces.

It is evident from these figures that a surplus over normal requirements is produced every year in the Maritimes and also that this surplus, to be disposed of successfully in competition elsewhere, must be of very high quality. It is on this account that the bulk of the following remarks is confined to potato production in the Maritimes as it is obviously impossible to cover general practices over such a wide area as the Dominion in the limited time allotted to the subject.

Whether potatoes are grown for seed purposes or for table stock, it is essential that only the very best seed be used since good foundation stock is the basis of good crops and profitable markets. The production of high quality potatoes requires special care in the selection of seed, thorough methods of control of diseases, good rich, well drained, loose, friable soil, good cultivation, and the (Continued on page 3)

Benzonia Takes First in Contest

SECOND YEAR THIS CHOIR HAS LED FIELD - EIGHT COMPETE

For six years there has been a choir singing contest held in connection with the Top O' Michigan Potato, Apple and Seed Show, under the auspices of the B. E. Choir Society singing team. Each year the quality of the singing has been commended on an showing great improvement.

This year there were but eight choirs competing, three failing to show up, and again Benzonia, winner of the contest last year, took first place. The Benzonia choir, the same choir that won two first prizes last year.

He concluded his remarks with the statement that in 1928 over \$149,000,000 was spent for operating expenses of Michigan Schools with an additional investment of \$24,000,000. "This, then is the biggest industry in the state."

(Continued on last page)

Potato Grower Helps Solve Large Problems

Mr. J. D. Robinson, one of the year's exhibitors at the show, and one of the money winners every year, has taken advantage of the low prices of farm commodities and unemployment to the mutual advantage of himself and the men dealing work.

Last year J. D. Robinson of Pellston, at the time when the drought was materially injuring his potato crop, hastily devised an irrigation system that gave results to the tune of a 60 bushel increase per acre by an application of 4 inch of water per acre. This year, although he still believes in irrigation, he did not go to the expense of setting up his equipment as all indications pointed to low price potatoes that would not warrant this additional cost.

At the beginning of this season conditions in Pellston, near where Mr. Robinson's farm is located, were none too good. Pellston, an old mill town, had many seeking labor. This fact, together with the banks being "tight" in extending credit, caused Mr. Robinson to set up a scheme of trading labor for farm produce.

With 24 acres of potatoes, a good grain acreage, a flock of sheep and a (Continued on last page)

Production and Demand Set Price

O. B. PRICE SAYS WE SHOULD PRODUCE MORE POTATOES ON FEWER ACRES

Everyone will remember last year (1930-31) as a year of low potato yields and will remember this year (1931-32) as a year of low potato prices.

In many respects the two go hand in hand, particularly when the total production in the United States is high or low. High yields generally mean low prices and low yields high prices.

Value per acre is oftentimes more important, however, than value per bushel, according to O. B. Price, Agricultural Agent of the New York Central Lines, "for it is the interest on land, taxes, labor, etc., that makes up the major cost of producing potatoes."

"Interesting potato history is recorded by the United States Bureau of Agricultural Economics during the last seventy-five years; records have been kept of acreage, yield, production, and value of crops.

"If we go back to 1895, before most of us were growing potatoes here, we find that there have been only six years when the acreage of potatoes in Michigan was less than in 1930, and those six years occurred before 1901. There was only one year when the average yield per acre was less than 1930, and that was in 1916. There were only two years when the total production was less than in 1930."

"When we consider the value of the crop, the condition is quite different. (Continued on last page)

Stephen Wing Wins Chicago Show Trip

The free trip to the 4-H Club boy in this area to the National Club Congress at Chicago in December, provided by the Ford Hardware Company of Gaylord and the International Harvester Company, was won this year by Stephen Wing of Albia.

In order to win this trip the boy had to be at least 15 years old, he had to be at least a second year 4-H club member, he had to exhibit 32 potatoes at the Potato Show and had to submit a report on his work.

In selecting the winner the judges based 40 points on report and story, 40 points on exhibit at the show, and 20 points on interest in club work.

Stephen is a son of Cliff Wing of Albia. He is 15 years of age, has been in club work four years and is in the tenth grade of the Albia school. A very complete report on the project was submitted. We are pleased to summarize this report as follows: There was one acre in the plot. He used hill selected seed, and followed tuber unit planting. The potatoes were stored in a pit last winter. Corrosive sublimite was used for seed treatment. The potatoes were green (Continued on last page)

Show Room, Top O' Michigan Potato, Apple and Seed Show



Proprietor

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SCHOOL NO

Juniors Take Championship

The Juniors overwhelmed the eighth grade in the first of a series of talk given by the various Doctor community. These talks are a general health program by the University of Michigan. The first talk was given by Dr. Cushman, who pitched for the Juniors and Sherry, who pitched for the Juniors. Both pitched a best game. The Junior then pitched the eighth grade while the eighth grade had poor support from his. The Junior team will win the championship. They have excellent games and have players in their roster.

Foods And Their Use
Last Thursday, the student council called to the assembly to the first of a series of talk given by the various Doctor community. These talks are a general health program by the University of Michigan. The first talk was given by Dr. Cushman, who pitched for the Juniors and Sherry, who pitched for the Juniors. Both pitched a best game. The Junior then pitched the eighth grade while the eighth grade had poor support from his. The Junior team will win the championship. They have excellent games and have players in their roster.

Foods.
In discussing foods the central is a definition of food as defined as any substance when taken in the body it life.

There are different classes the first being water. Water found in most abundance daily water drunk. It is also in beverages, soups, juices, green vegetables and water is the most important of food cause it helps to take the through the body by means blood, helps the body to waste, helps the sweat gland helps do many more things.

Next in importance is fat found in any fatty substance essential for the obtaining of which in the body is heat. Another type of food is dries which are made up of sugar. This type, found in table, loaf, meat, etc., prod energy.

Proteins, another type is eggs, milk, vegetables, etc. is not needed in as great quantity as the other above foods.

It is very essential to obtain minerals in a balanced way they are not the heart heating. These minerals phosphorus, iodine, calcium, are found in green vegetables, spinach, fruits, etc.

The last type of food is vitamins. We do not know they are so essential.

Small Fruit Offers Opportunity Here

(continued from page 1)
southwestern part of the state. To grow black raspberries near the Cuthbert plantings of Northern Michigan would also create a much more serious disease situation. Mild mosaic often spreads from red to black varieties causing severe stunting of the latter. There are also many wild red raspberry plants in the northern part of the state that are infected with mild mosaic and these plants would serve as a source of infection to the black raspberries planted nearby. In view of the importance of the red raspberry industry in Northern Michigan and the question-



STANLEY JOHNSTON

able value of the black raspberry, it would be well to consider all factors very carefully before engaging in the growing of black raspberries. If they should be planted they should be well isolated from all kinds of red

Jordan Valley Co-Op. Creamery

MANUFACTURERS OF
Quality
Creamery Butter

Owned and Operated
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raspberries.
"It seems needless to say that good cultural operations are very necessary in successful raspberry culture. Probably no other commonly grown fruit plant, unless it is the peach, will show the ill effects of poor care as quickly as the raspberry. The plants are very sensitive to soil conditions, and they are also subject to several diseases that cannot be controlled by spraying. There is abundant opportunity to use skill and good judgment in growing raspberries successfully, and, while the grower will not make the sensational money that a peach grower makes during occasional years, his business is more stable and he is fairly certain of a moderate income each year."

Strawberries
"There is one phase of the Strawberry situation that holds considerable promise to Northern Michigan growers and that is to supply the late market. Prices for strawberries show a marked increase late in the season due to the fact that the large producing districts to the south are through shipping. Some Southern Michigan strawberry growers have already realized the situation and have established plantations in the northern part of the state. Undoubtedly the attempt to meet the demand for late strawberries will result in additional plantings being made in Northern Michigan."

"The two limiting factors in strawberry growing in the northern part of the state are frost and drought. Some protection against frost can be obtained by selecting proper sites and by the use of mulch to delay blossoming in the spring. Drought has always been a serious factor on the higher soils in Northern Michigan, but these same soils will produce fine strawberries if sufficient water is available. The Agricultural Engineering Department of the Michigan State College is now attempting to develop a cheap and efficient means of irrigation by the use of porous canvas hose. Strawberry growers in all parts of the state, especially those in light soils, should give serious thought to establishing some means of irrigation."

Blueberries
The Department of Horticulture has been carrying on investigation work with blueberries for several years at the South Haven Experiment Station. Most of this work has been with the highbush species as the varieties developed by workers associated with the United States Department of Agriculture are of this type. The highbush type is not found naturally in Northern Michigan and it remains to be seen whether or not it will be able to adapt itself to the growing conditions found there. In the meantime, selections of superior types of lowbush blueberries, the type that is found naturally in Northern Michigan, have been made and named varieties will be distributed for trial as soon as a supply of plants can be propagated."

"The blueberry is one of our most popular small fruits either in the fresh state or canned. The supply at present does not fill the demand. Michigan has large areas of land adapted to the culture of both the low and highbush types, and the possibilities of developing a profitable blueberry industry in the state are very promising."

"It should also be mentioned, in conclusion, that the tourist and resort business now ranks as one of Michigan's greatest industries. Northern Michigan receives a great share of this business. Small fruit growers in this section have a splendid opportunity of realizing considerable revenue by catering to this trade."

Antrim County Farmers

When you are in the market for

Spray Materials
Fertilizers
Potato Storage
Seeds
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Coal
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Patronize Your Local Co-ops.

ALBA SEED GROWERS, INC., Alba
C. W. Wing, Mgr.

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FARMERS MARKETING ASSN., Central Lake
Dale Burns, Mgr.

FARMERS MARKETING ASSN., Elk Rapids
Louis Olson, Mgr.

ELLWORTH FARMERS EXCHANGE, Ellsworth
Bernie Kloostef, Mgr.

FARMERS MARKETING CO., Mancelona
I. K. Lichty, Mgr.

TOP O' MICHIGAN POTATO, APPLE AND SEED SHOW SUPPLEMENT

The Potato Show Association wishes to express their appreciation for the splendid cooperation given by the newspapers in getting information concerning the Show to the readers of the Top O' Michigan.

Not only have they devoted many columns of news weekly but the orders for this supplement have exceeded any previous year. A total of 25,000 supplements were printed, all but 1200 going to the readers of the Top O' Michigan.

Following are the newspapers using this supplement:
Alcona County Herald
Alcona County Review
Alpena News
Bellaire Record
The Boyne Citizen
Cheboygan Observer
Cheboygan Tribune
Crawford Avalanche
Charlevoix Courier
Charlevoix County Herald
Central Lake Torch
Elk Rapids Progress
Emmet County Graphic
Ellsworth Tradesman
Houghton County Tribune
Mancelona Herald
Oscoda County News
Oscoda County Herald Times
Ontonagon Outlook
Petoskey News
B. E. Musgrave, County Agricultural Agent of Kalkaska County is using 500 to circulate to farmers in his county.

Mr. Johnston judged the apples at the Ninth Annual Top O' Michigan Potato, Apple and Seed Show.

Small Trucker Is Ruining Orderly System of Marketing

Considerable discussion prevails among the farmers of the Top O' Michigan as to their responsibility for proper grading when selling to truckers who come up from southern Michigan cities and buy direct from the farmer on his farm.

Some truckers insist that the farmer properly grade and tag his potatoes, while others will take the field run.

This matter has been taken up with the Michigan State Department of Agriculture and we reprint here with the regulations covering the handling, loading, shipping or transporting of potatoes in truck or carload lots, as contained in Act Number 277, Public Acts 1929:

"It shall be unlawful for any person, association, organization, partnership, corporation, or agent, representative or assistant of any person, firm, association, organization or corporation to pack for resale, expose for resale, sell, transport, deliver or consign or have in possession for resale, transport, delivery or consignment for interstate commerce, potatoes prepared for market in other than retail quantities without first securing from the commissioner of Agriculture, by making application therefor upon a blank to be furnished by said official and accompanied by a fee of one dollar, a license to grade and load potatoes, which license shall be renewed annually. The Commissioner of Agriculture may suspend any such license temporarily for failure to comply with the provisions of the act or the provisions of the act governing the grading of potatoes or any rules or regulations made by him as herein provided for, and shall have the power to permanently revoke such license for cause."

It is evident from this that the farmer does not need a license to sell to truckers or local dealers.

Also, the potatoes that are sold to these truckers do not have to be "properly graded and tagged" but the truckers may require the farmer to go to this expense in order to make the sale at a price supposedly above market quotations. The trucker, however, who offers them for resale must have the potatoes properly tagged and graded. That is why he usually requests the farmer to do it.

It has also been rumored that many of these truckers, who are not liable, come into the Top O' Michigan for potatoes, then use the tags on inferior potatoes further south that he is able to buy at a lower price. This, of course, is unlawful, but it is difficult for the small crew of inspectors of the Department of Agriculture to catch all the violators.

It would seem more desirable and undoubtedly of greater value to the community for the potato growers to sell direct to their established dealers who will assume all responsibility for grading and packing.

The small independent trucker has demoralized the orderly system of marketing, which is so essential to the welfare of the farmer.

Fertilizer Pays Big Dividends

KENNETH OUSTERHOUT TELLS OF THREE YEAR EXPERIMENT IN ANTRIM CO.

"Eating your cake and still having it" is a time old expression that has a very significant application to the alfalfa fertilizer plot at Dan Makiel's farm between Alba and Mancelona, Mich.

If somebody had told Dan Makiel that he could apply fertilizer to a spring seeding of oats and alfalfa in the spring of 1928 and get sufficient increases in yields to pay for it each of the following three years he would have politely told you to go straight to Traverse City where they provide for such indignities.

However, Mr. E. J. Mathews of the N. V. Potash Co. knew it would pay and was willing to furnish the fertilizer for the test. Makiel believing that he had nothing to lose and everything to gain consented to the test and gave his cooperation.

Today Makiel is thoroughly converted to the use of fertilizer in alfalfa. Who wouldn't be after living with those plots for three years? They have a way of speaking that is silent but more powerful than words.

Makiel's soil is a Rubicon Sand, one well adapted to the growing of alfalfa and potatoes. It's on this type of soil that much of the certified seed potatoes of Antrim County are produced.

One crop each of the past three years have been harvested by Mr. Makiel because of drought conditions following the first cutting. Prospects are good this year for a second cutting.

During the past three years the check plots (with no fertilizer) have produced 2320 pounds of dry hay valued at \$47.40. The plot having an application of 425 pounds of 0-16-0 produced during the same time 9606 pounds of dry hay per acre valued at \$22.04. Allowing for fertilizer costs a premium of \$19.38 was realized for one acre. Where 0-16-0 was used 10,393 pounds of dry hay were produced valued at \$77.94 giving a premium of \$23.36 over fertilizer costs for one acre.

The greatest increase in return resulted where 425 pounds of 0-16-0 fertilizer was applied. This treatment produced 10,963 pounds of dry hay valued at \$82.21 giving a premium of \$25.71 over fertilizer costs.

Where can a farmer turn for a better place to invest his money—labor than to plant alfalfa fertilizer his return of 300 per cent in three years is not to be overlooked by the progressive farmer and dairyman.

Berry Production Will Increase In Next Few Years

From all indications the growing of raspberries will increase greatly during the next few years within the Top O' Michigan.

The plants are practically disease free and there is seldom a complete failure.

Production has already reached the point, where by cooperative action a car lot or more a day could be sent to Detroit, or eastern cities, such as Philadelphia, New York or Boston.

Investigations are now being made as to the market possibilities and competition offered in those cities.

Then to the increasing resort business offers a ready market for those whose production is still limited.

There are plenty of good growers in the territory to supply nursery stock so that the prospective grower can get a start from his neighbor. It looks like a sure thing in the Top O' Michigan and will work in well with potatoes and dairying.

The average yield of potatoes in the United States is lower than any other country except Italy.

Hankey Milling Company

GAYLORD

POTATOES
GRAIN
FLOUR
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52 years in business
Let's Trade

Use Our Certified Farm Seeds For Profits

ANTRIM IRON CO., MANCELONA
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BURDETTE CRANDELL & SONS, BELLARE
GOLDEN GLOW CORN
FRED. CRANDELL, BELLARE
GOLDEN GLOW CORN — HARDIGAN ALFALFA
MRS. IDA DEARBORN, BELLARE
HARDIGAN ALFALFA, WOLVERINE OATS, ROBUST BEANS
ROLLAND LESSARD, BELLARE
GOLDEN GLOW CORN
JOSEPH LESSARD, BELLARE
GOLDEN GLOW CORN

Over \$1,700 In Prizes Were Won By Mich. Farmers

On page one of this supplement will be found a complete list of winners at the Ninth Annual Potato, Apple and Seed Show.

It may be interesting to the readers to know that very substantial prizes were offered. Over seventeen hundred dollars were won by Top O' Michigan farmers.

A partial list of prizes are as follows:

Russet Rural Potatoes, open class, \$75.00; thirteen places. First prize \$20.00.
Beginners Special—\$50.00; twelve places. First prize \$12.00.
County Sweepstakes—\$120.00; each county has a chance to win \$10.00 each.

County Exhibit—\$170.00; twelve places. First prize \$30.00.
Certified Russet Rural Seed—\$100.00; ten places. First prize \$25.00.

In the Apple Classes \$77.00 is offered for classes of plates; \$202.00 for classes of trays; \$78.00 for bushel lots; \$25.00 for collections of 50 apples; and \$15.00 for fancy packs.

In the Junior Division over \$150.00 is offered for 4-H Club and Smith-Hughes students alone.

A new division of alfalfa seed paid \$37.00 in prizes distributed through ten places.

In all there were prizes offered as follows:

Potatoes — 125 Prizes.
Apples — 93 Prizes.
Junior — 49 Prizes.
Alfalfa — 10 Prizes.
Contests — 29 Prizes.

Those farmers who visited and participated in the show found it very much worth while. We are sure they will return next year.

L. L. Drake Very Optimistic Over Michigan Spuds

L. L. Drake, County Agricultural Agent of Otsego County at Gaylord, refuses to get pessimistic over the present potato situation.

In fact he is very optimistic about the Russet Rural Potato and we believe he knows what he is talking about when he writes:

"Have you discovered that these ripe, smooth, early-planted russets are good to eat? If not—just pick out some nice bakers and give your stomach a treat. Guaranteed to cure any case of dyspepsia or grouch. You even forget about the depression. The much advertised Idaho bakers just haven't a chance in any fair and open competition."

There are certainly plenty of impatiently able people who would pay a sweet price for these spuds if they only knew about them and we could do a little bragging to outsiders and our dealers could push them a little and just possibly we might get something started.

"By the way, we are not the only ones who are being pinched by the low price of potatoes. According to reports, up in the Aroostook Co. Maine section, growers are getting less than 40 cents for eleven peck barrels. Figure that out."

Otsego County is one of the leading potato counties of Northern Michigan and we believe the farmers of his county should heed his suggestion.

Potato profits—if any—are not great this year but no potato grower can afford to quit. Other commodities are no better.

Here is something for Michigan potato growers to shoot at. John Greig of Colorado recently dug 1,069 bushels of Bliss Triumph potatoes from a measured acre of land. This is the largest yield of this variety on record. Good seed, well prepared seed bed and late digging had much to do with this remarkable yield, according to Mr. Greig.

FARM SUPPLIES

Mr. Farmer—We can save you money on almost all of your farm supplies such as seeds, feeds, etc.

See Us For The NEW LOW PRICES

Otsego County Co-Operative Ass'n.
GAYLORD, MICH.

BUILDING MATERIAL

FARM — HOME RESORT

John-Manville Asbestos
Roofing—Shingles and siding.
Celotex Insulation
Red Top Plaster and
Huron Cement
4-Square Lumber
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Let us estimate your building needs.

Gaylord Lumber & Fuel Company

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MICHIGAN

Charlevoix Co-Operative Ass'n.

FARM PRODUCE, FLOUR, FEED, FUEL AND FARM MACHINERY, GAS AND OIL

Buy your winter's supply of coal and receive a "Pai" Lantern for every member of the family.

TELEPHONE 73

Charlevoix,

Michigan

FARM LAND —For Sale—

6,000 acres of hardwood land, sandy loam with clay and gravel sub-soil. In the best agricultural section of northern Michigan. This land has been certified by the State of Michigan as agricultural land.

Will grow anything adaptable to Northern Michigan. Part of this land recently lumbered. Lots of fuel still left. Part is clear.

\$2 to \$10 per Acre

Located in Charlton Township, Otsego County

Johannesburg Manufacturing Co.

Wm. Raae, Manager

JOHANNESBURG, MICHIGAN

J. Tucker Explains Use of Good Seed

(continued from page 1)
most careful handling, storing and grading of the crop.
The high value placed on good seed by the most progressive growers, is evident in the fact that in one province (Prince Edward Island) practically two-thirds of the total acreage is planted to certified seed. In Michigan, the total acreage is entered for inspection with a view to certification, due largely to the keen demand for seed from that province. But taking another province, New Brunswick, which is principally a commercial table stock area, we find also that a



JOHN TUCKER

very large proportion of the crop is planted with certified seed. Growers, by

Sweet Clover Seed

Buy your White Blossom Sweet Clover Seed from Northern Michigan farmers.

Recleaned and Scarified

State Analysis on Every Bag

99% and better purity

\$5.00 per hundred
F.O.B. Boyne City

ASK FOR SAMPLES

Offer good until December 1, 1931

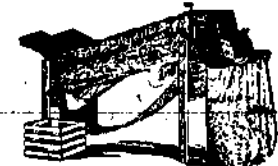
Boyne City Cooperative Co.
F. W. DILWORTH, Mgr.
Boyne City, Mich.



Take the GUESS out of Grading Potatoes and Onions.
Experienced buyers and Government inspectors know that potatoes and onions marked "Boggs Graded" will not vary 3% in size from Government grades and that they will not be bruised or injured in grading.
Consequently "Boggs machine-graded" potatoes and onions bring higher prices. In one operation you can grade No. 1's and No. 2's and remove culls and dirt with a double-belt.

Boggs
The Standard
Potato and Onion
Grader

Get a No. 3 single-belt hand grader now, at only \$49.00, to grade 150 bushels an hour. This machine will make one marketable grade, by sides culls, of potatoes or onions to conform to the Government grade or to meet requirements of any local market. A second belt can be added any time to make it into a double-belt grader. And when you need a larger, faster, electrically operated machine, you can convert it into a power grader at no more cost than if you originally purchased a power grader. All that is necessary is to add power attachments, pulleys, table, etc.
Quick delivery from factories in Atlanta, N. C. and Detroit, Mich.
Write for catalog, or mail the coupon.



No. 3 Single-Belt Hand Grader

BOGGS MFG. CO.,
Main St., Atlanta, N. C.
Without obligation, please send a free copy of your catalog.
Name _____
Address _____
Town _____ State _____

following the modern methods of production have increased their yield so that today, it is common to have a crop of 300 to 400 bushels to the acre, which, when properly graded will give around seventy per cent Grade No. 1 potatoes.

In planting, a blocky seed piece of about two ounces in weight and having two or three eyes, is used. Seed treatment, principally with corrosive sublimate, is practiced by a large number of growers. From actual figures obtained in the course of inspection work, it appears that about half the seed growers treat their seed, before planting, while the remainder depend upon planting clean seed in soil kept free from injurious fungous and insect pests by the well known methods of crop rotation.

Crop rotation is generally practiced and a proper balance between the mineral elements of the soil is thereby maintained. The land is manured with about ten loads barnyard manure where available, to the acre, or has a good clover crop turned under. And is further liberally supplied with fertilizer.

The seed bed is thoroughly prepared before planting for no amount of after tillage can overcome neglect in preparation. Mechanical planters, with fertilizer attachments are used to plant the crop and the land is left slightly ridged. Cultivation methods vary considerably. In some areas the drag harrow is used just as the tops begin to appear. In others the tops are allowed to come up one or two inches and are then buried once, the land being left sharply ridged. This disposes of the weeds and allows a good root growth before the tops again appear. In this the method differs from other parts of Canada, but it appears to work well under the eastern conditions. Hand weeding is not practiced, nor is it necessary except in rare cases.

Growing conditions are usually good and the crop makes rapid growth. The tops are sprayed from six to ten times using Bordeaux Mixture, with Calcium Arsenate when required.

Harvesting commences early in October and a considerable part of the crop is graded immediately and shipped out, the remainder is put into storage on the farms or at the warehouses and the grower is paid for the No. 1 potatoes accepted. The culls can be taken away if desired.

Compulsory grading and marking of all commercial table potatoes is in effect throughout the Dominion and is administered under Federal authority by the Dominion Fruit Branch under the Root Vegetables Act. The grades in effect are known as Canada Fancy, Canada No. 1, No. 2 and No. 3. Under actual practices nothing below No. 1 grade is shipped out from the Maritimes. The No. 2 grade is used to some extent in other districts but plentiful supplies of No. 1 potatoes have killed the demand for the lower grade and it is gradually disappearing from the markets. There is no demand for No. 3 grade and it will probably be discontinued.

Compulsory grading and marking is also in effect on seed potatoes. There are two grades only, "Certified Seed Extra No. 1" and "Certified Seed Small Size 1 1/2 ounces." It is an indictable offense under the Federal Destructive Insect and Pest Act to advertise or sell uncertified potatoes as seed potatoes or use any kind of "seed" tag likely to mislead an unsuspecting public. Growers, dealers and associations are permitted, however, to attach their own tags or brands, but such may only be done when in addition the official certification tag is present on the container. Any other kind of potatoes may be used freely by anyone for seed purposes, but certified seed only may be advertised, sold, etc. as seed potatoes.

The growers have learned that it is not the quantity they place on the

market which brings the best return for the crop, but the quality, and that it is better to cull carefully, keeping the undesirable potatoes for live stock feed, than to attempt to market them with graded stock. The latter would undoubtedly leave a dissatisfied customer and little possibility of a repeat order. It is quality that counts in the market today.

Potatoes Needed In Regular Diet

(continued from page 1)

Potato furnishes enough bases to neutralize the acids of two average slices of roast beef. If we should substitute rice for potatoes in such a meal we would find that while rice supplied the necessary starch, it did not counteract the acids produced by the meat but rather increased them.

"If the housekeeper is keeping an eye upon her grocery bill, as a thrifty one does, she will see that a home grown food will be cheaper than one which has been processed and then shipped, or put up in a fancy package. The woman who is on the alert for bargains will also remember that a bargain is only a good one if she remembers the food calories she buys as well as the minerals and vitamins that are there."

"Let us look at the food value of potatoes. The minerals iron, calcium and phosphorus are important in the body. Potatoes are about equal to whole cereals in the iron they furnish. They give slightly more phosphorus than do raw carrots and more calcium than that furnished in hot milk."

"The amount of calories furnished by an average baked potato is 100, a level tablespoon of butter, two tablespoons of white sugar, 12 to 15 almonds, 4 to 5 dates; one large apple, each represent 100 calories of other well-known foods. We may readily see that the eating of a baked potato (without counting the butter used on it) would not necessarily be fattening, or if we count a generous serving, of butter it would not add more calories to the diet than an apple sweetened with two tablespoons of sugar."

"Our experts in nutrition have been emphasizing the use of two vegetables besides potatoes every day as the best diet."

"Since potatoes lack a pronounced flavor of their own they harmonize with foods having a positive taste and we do not tire of them as of other vegetables."

"There are many ways of cooking potatoes but unfortunately few know how to bake, steam or boil them properly. Baking potatoes in an oven 450 to 500 degrees F. is the best method from the standpoint of conserving all the nutriment. The high temperature thoroughly cooks the starch by generating steam from the moisture present."

"Steaming with the jackets is better than paring and then gleaming. The process takes a little longer but preserves the flavor and minerals which are present. Boiling in hot salted water with the jackets is perhaps the next best method."

"Losses in nutritive value in the cooking of potatoes come from the following causes:

1. Paring—cutting away of good food material.
2. Soaking in cold water before cooking. Experiments show 9 per cent lost in this way.
3. Putting potatoes to cook in cold water instead of hot.
4. Cooking in unsalted water.
5. Cutting into dice, thereby exposing a larger surface to the water.

"A potato show offers every housekeeper an opportunity to shop around and see the latest styles in potatoes."

The use of fertilizers, the selective breeding of potatoes, the chemical treatment of seed for scab and other diseases, have made great changes in the varieties offered for sale and of the quality.

"In general, for boiling or baking a mealy potato is desirable while for french frying a more waxy consistency is best. Authorities do not agree as to what causes meanness. In experiments carried on in Rhode Island they found that meanness was not necessarily due to high starch content nor to low nitrogen."

"From the housekeeper standpoint, she wants potatoes that are of average size, not too small, not too large, not too deep eyes and of uniform size."

"By selecting good potatoes and cooking them properly we may be assured a delicious addition to our meals and by our use of Michigan grown potatoes encourage the grower to further improvement and development of better varieties for all culinary purposes."

Increase In Alfalfa Acreage Needed In State

East Lansing.—"We have but little more than half enough alfalfa in Michigan to feed our dairy cows, and could grow a total of 1 1/2 million acres of it without overstocking the State," says Prof. Howard R. Hays, of the State College Farm Crops Dept.

"We could use a lot of alfalfa for pasture. About 50 per cent of the growers of southern Michigan are using some alfalfa for pasture this year. At the Kellogg farm, experiments have shown alfalfa to be far ahead of everything including sweet clover and heavily fertilized pasture grass mixtures."

"Another opportunity for the alfalfa grower is the production of seed. Last year we produced in Michigan only enough alfalfa seed to meet the requirements of 10 years ago. The per acre income from Michigan alfalfa seed last year was \$75. The average income from all alfalfa seed was \$45 per acre which is way above the cost of production. I do not look for the time for a good many years when two bushels of clean alfalfa seed per acre will not make a good profit."

"There is no need to fear overproduction. Of the 10 leading alfalfa states, all except Michigan sowed less acreage to alfalfa in 1931 than they did in 1930. Michigan had a 5

per cent increase in alfalfa acreage and the other nine states had an 11 per cent decrease."

Northern Michigan is well adapted to growing alfalfa and has gained a fine reputation as a producer of high quality certified alfalfa seed—both Grim and Hardigan.

Last year alfalfa seed was exhibited and competed for a silver loving cup. This year substantial cash prizes were offered in addition and seed of high quality were shown.

Slight Increase In Potato Shipments

There will be a slight increase in shipments of potatoes this year. It is estimated that the Michigan News of New York are correct. For the coming year the total estimated potato shipments for the United States will be approximately 200,000 cars. Last year there were 257,796 cars and the News estimated 258,000 cars. The estimate for the ten leading states this year are as follows:

Maine, 60,000 cars.
Idaho, 28,000 cars.
Minnesota, 20,000 cars.
Virginia, 19,000 cars.
New York, 15,000 cars.
Wisconsin, 13,000 cars.
Colorado, 11,000 cars.
North Carolina, 8,700 cars.
California, 8,000 cars.
Nebraska, 8,000 cars.
Michigan ranks thirteenth with an estimate of 6,000 cars.

NEW GRADE OF POTATOES

To obviate the difficulties arising in those sections troubled with brown spots or streaks in the flesh of the potatoes, a new standard has been promulgated by the State Department of Agriculture and is known as "U. S. No. 1 Emergency." A brown tag will denote this grade, whereas the regular "U. S. No. 1" grade calls for a blue tag.

NORTHERN LIME & STONE COMPANY

Manufacturing Hydrated and Lump Pure Lime for all purposes

SERVICE-- that's what you want!

We endeavor, not only to handle the ordinary banking transactions promptly, but to go a step further, and render many other services, appreciated oftentimes because most unexpected.

We solicit your account and know that you will enjoy banking here.

Invested Capital over \$130,000.00

GAYLORD STATE SAVINGS BANK
GAYLORD, MICHIGAN

Dow Spraying Materials

Properly and timely applied assure you of maximum protection against Insects and Fungus

DOW SPECIAL POTATO SPRAY

Contains both poison and Bordo.

Potato Bugs are quickly killed and potato vines are kept free from disease—thus producing greater yields.

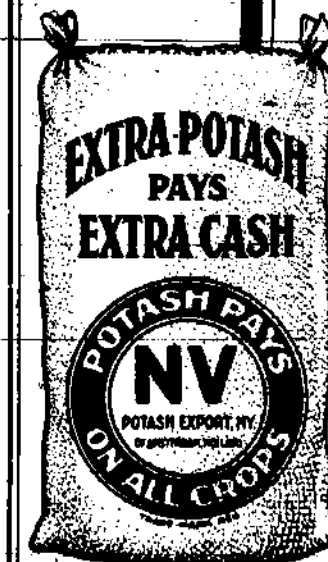
SEE THE DOW DEALER NEAREST YOU

The Dow Chemical Co.

MIDLAND, MICHIGAN

FACTS ABOUT POTASH

A series of 21 of these facts will be sent you FREE on request.



Potatoes . . .

yielding at the rate of 300 bushels remove from each acre 96 pounds of actual potash, equal to 192 pounds of muriate of potash, or 533 pounds of fertilizer containing 18 per cent potash.

You can now get muriate of potash in 100-pound bags. If your fertilizer man cannot supply you communicate direct with the address below.

Tune in Radio Station W E N R on Tuesdays at 6:45 p. m., c. s. t.

N. V. POTASH EXPORT MY. Inc.
of Amsterdam, Holland
Buckingham Bldg. Chicago, Illinois

IN, Editor and Proprietor

NUMBER 46

LLS AND DOLL HOUSES FREE

GIVEN AWAY CHRISTMAS MORNING

doll houses and 13 beautiful will be given away at our Store, Christmas morning. Prizes are valued from \$1.50 to \$19.00. We are going to give to the fifteen little girls who on November 21st and 10 Christmas Eve, December 1st, make a purchase of one penny spent at our store the period stated above, each may cast a vote. Ask all friends to write your name on that before they put it into that box in our store. & Gidley, The Roxall Store.

WEEK, NOVEMBER 15-21

ren's Book Week is an annual observed widely by schools, and book shops. The theme of Book Week this year "Round the World in Books" (Round the World in Books) is a national friendship thru child-reading. Almost every county in the globe has made a contribution to the bookshelves of America and in recent years, the world book tours must end with our own country, and interesting range of available, giving boys and thrilling story of American

ores and public libraries all over the country have arranged to observe the World Book Week the third week in November. Many schools are planning special exhibits.

Book Week the local club is planning to include of children's books on their list. Book Week will be fittingly observed in the Gray.

alto Theatre GRAYLING

PROGRAM

day, Nov. 14th (only)
Warner Baxter

in

THE CISCO KID

Chapter No. 10

SHING LEGION" feat-

ing Harry Carey and

the Dorra.

and Monday, Nov. 15-16

Stone & Helen Hayes

in

SIN-OF MADELOU

CLAUDET

and Wednesday, Nov.

17-18

Lahr, Filmdom's new

scream

in

FLYING HIGH

day and Friday, Nov.

19-20

Em. Collier, Jr.

in

TREET SCENE

Jungle Series—"Un-

red Africa."

DAIRY

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Chicago

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TOP O' MICHIGAN POTATO, APPLE AND SEED SHOW SUPPLEMENT

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D. P.

SCHOOL

Junior's Take Champ Score

The Junior's overtook the eighth grade of the series. The boys were decidedly Cushman pitched a grand and steady Junior's. Both pitched moments, but Sheet last game. The Junior's giving their pitcher a hard while the eighth had poor support from the Junior team's championship. The excellent games and 1 players in their row.

Foods and TI

Last Thursday the called to the assembly the first of a series given by the various community. These a general health pre by the University of first talk was given on "Foods and TI" talk took about half hour which the student first hour classes which the students were. Clippert's talk, then chose the best and gave them to 2 selected the following best:

Foods:

In discussing food essential is a definite is defined as any when taken in the life.

There are different the first being wa found in most ab daily water drank in beverages, soups, green vegetables and is the most importa cause it helps to tak through the body b blood, helps the w waste, helps the w helps do many things.

Next in importance found in any fatty essential for the ob which in the body i

Another type of drates which are in and sugar. This ty fishes, lean meat, e ergy.

Proteins, another eggs, milk, vegetab is not needed in a ty as the other foods.

It is very essen tain minerals in a they are not the heating. These in phosphorus, iron, are found in gro ar spinach, fruits.

The last type of is vitamins. We they are in as to

BENZONIA TAKES FIRST IN CONTEST

(continued from page 1)

The fact that all the chairs were very large, considering the population from which they were drawn. Benonia was the largest town represented, with a population of but 517 people. It divided down from that to two open church choirs in country communities, with a very small population.

Kaliva made the farthest trip to attend, coming a distance of 125 miles. Empire drove the farthest, though the distance in miles was not due to a snow storm the event came in a round-about way.

A. W. Tenny, director of short courses at M. S. C., was chairman of the meeting, the being his third year here in this capacity.

The largest crowd of record was present, the Gaylord Auditorium was crowded to capacity, with many being unable to get within the doors. The audience was estimated at 650. There were 153 singers in the different choirs.

Most of the choirs sang without an accompaniment this year, and none used the piano on the song selected by the college.

SPECIAL PRIZES OF THE SHOW

Silver loving cups and special trade premiums form a considerable part of the prize list at the show. The following are the winners and donors:

In the Premier Potato Growers Contest Pearl Bonter won a beautiful Alladin Lamp given by the Potato Association.

Frank Guy of Pellston won permanent possession of the loving cup offered by the Michigan Farmer by winning the sweepstakes in potatoes the second time in two years.

The loving cup offered to the winner in the county exhibit was won by Presque County for the second time in two years. This must be won three times for permanent possession. Otsego County has won twice and Presque Isle twice.

The Tri-County Telephone Cup was won by Pearl Bonter for the best exhibit of Certified Seed Potatoes. This must be won three times for permanent possession.

Pearl Bonter won the 1000 pounds of Agono fertilizer donated by the American Agricultural Chemical Company for the best exhibit of certified seed.

Alan Taylor won 625 pounds of 1-2-3 fertilizer donated by the Michigan State Farm Bureau.

The Potoksky News Cup offered to the Junior-sweepstakes champion for the first time this year was won by Carl Cetas of Pellston.

The Michigan Central Railroad Cup was won by the Hayes Potato Club of Gaylord. This cup must be won three times for permanent possession. The Hayes Potato Club and the Five Lakes Potato Club have each won twice.

The Michigan Farmer gives a new or renewal subscription to every exhibitor who won a premium.

The Alpena News Cup was won by Alan Taylor of Mett.

WITH THE ADVERTISERS

The A. B. Farquhar Co. Limited of York, Pa., had a fine exhibit of Iron Age Machines at the Show. Mr. Bateman and Mr. Meyer were in charge.

A. C. Lytle of the Potato-Growers Exchange, was at the show for a couple of days. A. C. was secretary for seven years and had a lot to do with the development of the show.

Wm. "Billie" Rae of the Johannesburg Mfg. Co. was at the show to look over the apples and potatoes. His company owns vast areas of good potato land in Eastern Otsego County.

We were sorry that the following companies could not have a representative present:

The H. V. Potash Export My Inc., of Chicago.

The Hardie Mfg. Company of Hudson, Michigan.

The Dow Chemical Company of Midland, Mich.

The Rogers Mfg. Company of Atlanta, N. Y.

These companies placed advertisements with the show for this supplement and we request your consideration in purchasing.

We also want to express our appreciation to the:

Alpena Business Men.
Antrim County Coop. Ass'n.
The Gaylord Lumber and Fuel Co.
The Jordan Valley Coop. Creamery.
East Jordan.
The Otsego County Coop. Ass'n. Gaylord.
The Gaylord State Savings Bank.
The Boyne City Coop. Co.
The Central Hotel, Gaylord.
Alpena Northern Lumber and Stone Company, Potoksky.

Standard Potato Club Shows Value of Better Grading

(continued from page 1)

"An inspection will be made by the regular seed inspectors beginning about the last of October.

"Cooking tests will be made on each lot of seed that passes his inspection before stock is shipped out.

"Regarding the disposal of stock ranging from 1 1/2 to 2 1/2 inches, which will be U. S. No. 1 Small, only that stock which will grade out about 70 per cent Fancy as far as size is concerned will be considered, thereby cutting down on the amount of U. S. No. 1 small to be disposed of. The department does not favor the effort to dispose of the remaining small grade for seed purposes.

"The Michigan Potato Growers Exchange will handle practically all of the Fancy stock this season.

"The lower four-fifths of the state will have no fancy stock for sale this season.

"This Fancy grade will be difficult to handle in the trucking area. Large growers in the trucking area have expressed a willingness to ship Fancy grades by car through an organization made by the grower of medium yields. It will call for the use of the best cultural practices, featuring the increasing of organic matter in the soil.

PRODUCTION AND DEMAND SET PRICE

(continued from page 1)

Since 1895, there have been twenty-one years when the average value per acre of Michigan potatoes was less than 1900-21. Some of the more recent years that the value was lower are 1922, 1924, and 1925.

"Why pay so much consideration to average? We need greater production of potatoes in Michigan and we need better quality. It would be far better to get this increased production through larger yields per acre, which would automatically give greater value per acre and better quality of potatoes.

"Better production practices, such as proper preparation of seed bed, proper use of fertilizers, good seed, seed treatment, proper planting, proper spraying and proper cultivation will do more than anything else to bring back to Michigan the markets she once had.

"High commodity prices seem rather remote and all production practices must be adjusted to meet these new low prices. Other states are doing it and we must do the same if we are to meet their competition."

Potato Grower Helps Solve Large Problems

(continued from page 1)

colony of bees, much labor was needed. Some of the bargains that were made for labor were as follows: One ton of alfalfa hay for six days work; six bushels of potatoes for one day's labor; two gallons of honey—one day, one cord of wood—one day. To settle some 30 tons of alfalfa, nearly 1000 bushels of potatoes, one ton of honey and 35 cords of wood have been disposed of in this manner to say nothing of other smaller trades. Very shortly 30 to 40 lambs and some old ewes will also be traded.

Such a set-up has not only provided labor for many needy families, but has also aided in disposing of much farm produce locally, and has been a great aid to Mr. Robinson in financing the summer seasons work.

SEVEN HUNDRED AND SIXTY-THREE EXHIBITS OF APPLES AND POTATOES VIE FOR HONORS AT ANNUAL SHOW

(continued from page 1)

2nd. P. B. Gillespie, Cheboygan.
3rd. W. J. Dewey and Son, Bellaire.
4th. Douglas Tibbets, Boyne City.
5th. F. W. Crowl, Harbor Springs.
6th. Evelyn Orchards, East Jordan.
Snow
1st. Homer Waring.
2nd. P. B. Gillespie.
3rd. Evelyn Orchards.
4th. Douglas Tibbets.
5th. F. W. Crowl.
6th. Frank Hemstreet, Kalkaska.

1st. P. B. Gillespie.
2nd. Douglas Tibbets.
3rd. F. W. Crowl.
4th. Evelyn Orchards.
Wolf River
1st. P. B. Gillespie.
2nd. Wilbur Spidle, East Jordan.
3rd. Douglas Tibbets.
4th. A. Smilowski, Gaylord.
5th. Evelyn Orchards, East Jordan.
6th. M. Smilowski, Gaylord.

1st. Homer Waring.
2nd. P. B. Gillespie.
3rd. W. J. Dewey and Son.
4th. Evelyn Orchards.
5th. Douglas Tibbets.
6th. Martin Hansen, Kewadin.
N. W. Greening
1st. W. J. Dewey and Son.
2nd. Evelyn Orchards.
3rd. Frank Crowl.
Wagener
1st. W. J. Dewey and Son.
2nd. Douglas Tibbets.
3rd. Douglas Tibbets.
4th. Evelyn Orchards.
5th. Paul Vescey, Pellston.
6th. Homer Waring.
Golden Russet
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. F. W. Crowl.
4th. Douglas Tibbets.
Grimes Golden
1st. P. B. Gillespie.
2nd. Evelyn Orchards.
3rd. Homer Waring.
4th. Douglas Tibbets.
5th. Frank Hemstreet.
6th. Frank Zerbe, Petoskey.

1st. Evelyn Orchards.
2nd. P. B. Gillespie.
3rd. Dewey and Son.
4th. F. W. Crowl.
5th. Frank Hemstreet.
6th. Squires Orchards, Kalkaska.
Starks Delicious
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. P. B. Gillespie.
4th. Frank Crowl.
Any Other Variety
1st. Homer Waring.
2nd. Homer Waring.
3rd. P. B. Gillespie.
4th. Homer Waring.
5th. Joe Hunsch, Petoskey.
6th. Douglas Tibbets.
Apples (Plates)
Macintosh
1st. Homer Waring.
2nd. Douglas Tibbets.
3rd. Geo. Hansen.
Snow
1st. F. W. Crowl.
2nd. Douglas Tibbets.
3rd. John Whitcomb, Ellsworth.
Wealthy
1st. Douglas Tibbets.
2nd. P. B. Gillespie.
3rd. Evelyn Orchards.
Wolf River
1st. Douglas Tibbets.
2nd. P. B. Gillespie.
3rd. Harry Lenahan, Harbor Springs.
Northern Spy
1st. Homer Waring.
2nd. P. B. Gillespie.
3rd. Douglas Tibbets.
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3rd. F. W. Crowl.
Grimes Golden
1st. Frank Hemstreet.
2nd. P. B. Gillespie.
3rd. Douglas Tibbets.
Jonathan
1st. P. B. Gillespie.
2nd. W. J. Dewey.
3rd. Evelyn Orchards.
Starks Delicious
1st. Evelyn Orchards.
2nd. Homer Waring.
3rd. F. W. Crowl.
Any Other Variety
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. Douglas Tibbets.
Gusheis
1st. Homer Waring.
2nd. Wilbur Spidle, East Jordan.
3rd. Douglas Tibbets.
4th. Evelyn Orchards.
5th. P. B. Gillespie.
6th. Squires Orchards.
7th. Douglas Tibbets.
8th. Douglas Tibbets.
9th. Homer Waring.
10th. Squires Orchards.
Collection of 50 Apples
1st. Dewey and Son.
2nd. Evelyn Orchards.
3rd. Homer Waring.
4th. Douglas Tibbets.
Best apple was won by Douglas Tibbets on a Macintosh.
Fancy Pack Apples
1st. Homer Waring.
2nd. Douglas Tibbets.
3rd. Martin Hansen.
4th. Evelyn Orchards.
5th. Frank Hemstreet.

1st. P. B. Gillespie.
2nd. Douglas Tibbets.
3rd. F. W. Crowl.
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3rd. Geo. Hansen.
Snow
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3rd. John Whitcomb, Ellsworth.
Wealthy
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3rd. Evelyn Orchards.
Starks Delicious
1st. Evelyn Orchards.
2nd. Homer Waring.
3rd. F. W. Crowl.
Any Other Variety
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. Douglas Tibbets.
Gusheis
1st. Homer Waring.
2nd. Wilbur Spidle, East Jordan.
3rd. Douglas Tibbets.
4th. Evelyn Orchards.
5th. P. B. Gillespie.
6th. Squires Orchards.
7th. Douglas Tibbets.
8th. Douglas Tibbets.
9th. Homer Waring.
10th. Squires Orchards.
Collection of 50 Apples
1st. Dewey and Son.
2nd. Evelyn Orchards.
3rd. Homer Waring.
4th. Douglas Tibbets.
Best apple was won by Douglas Tibbets on a Macintosh.
Fancy Pack Apples
1st. Homer Waring.
2nd. Douglas Tibbets.
3rd. Martin Hansen.
4th. Evelyn Orchards.
5th. Frank Hemstreet.

1st. P. B. Gillespie.
2nd. Douglas Tibbets.
3rd. F. W. Crowl.
4th. Evelyn Orchards.
5th. Paul Vescey, Pellston.
6th. Homer Waring.
Golden Russet
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. F. W. Crowl.
4th. Douglas Tibbets.
Grimes Golden
1st. P. B. Gillespie.
2nd. Evelyn Orchards.
3rd. Homer Waring.
4th. Douglas Tibbets.
5th. Frank Hemstreet.
6th. Frank Zerbe, Petoskey.

1st. Evelyn Orchards.
2nd. P. B. Gillespie.
3rd. Dewey and Son.
4th. F. W. Crowl.
5th. Frank Hemstreet.
6th. Squires Orchards, Kalkaska.
Starks Delicious
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. P. B. Gillespie.
4th. Frank Crowl.
Any Other Variety
1st. Homer Waring.
2nd. Homer Waring.
3rd. P. B. Gillespie.
4th. Homer Waring.
5th. Joe Hunsch, Petoskey.
6th. Douglas Tibbets.
Apples (Plates)
Macintosh
1st. Homer Waring.
2nd. Douglas Tibbets.
3rd. Geo. Hansen.
Snow
1st. F. W. Crowl.
2nd. Douglas Tibbets.
3rd. John Whitcomb, Ellsworth.
Wealthy
1st. Douglas Tibbets.
2nd. P. B. Gillespie.
3rd. Evelyn Orchards.
Wolf River
1st. Douglas Tibbets.
2nd. P. B. Gillespie.
3rd. Harry Lenahan, Harbor Springs.
Northern Spy
1st. Homer Waring.
2nd. P. B. Gillespie.
3rd. Douglas Tibbets.
N. W. Greening
1st. Dewey and Son.
2nd. Frank Crowl.
3rd. Frank Zerbe.
Wagener
1st. Dewey and Son.
2nd. Douglas Tibbets.
3rd. P. B. Gillespie.
Golden Russet
1st. Evelyn Orchards.
2nd. Homer Waring.
3rd. F. W. Crowl.
Grimes Golden
1st. Frank Hemstreet.
2nd. P. B. Gillespie.
3rd. Douglas Tibbets.
Jonathan
1st. P. B. Gillespie.
2nd. W. J. Dewey.
3rd. Evelyn Orchards.
Starks Delicious
1st. Evelyn Orchards.
2nd. Homer Waring.
3rd. F. W. Crowl.
Any Other Variety
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. Douglas Tibbets.
Gusheis
1st. Homer Waring.
2nd. Wilbur Spidle, East Jordan.
3rd. Douglas Tibbets.
4th. Evelyn Orchards.
5th. P. B. Gillespie.
6th. Squires Orchards.
7th. Douglas Tibbets.
8th. Douglas Tibbets.
9th. Homer Waring.
10th. Squires Orchards.
Collection of 50 Apples
1st. Dewey and Son.
2nd. Evelyn Orchards.
3rd. Homer Waring.
4th. Douglas Tibbets.
Best apple was won by Douglas Tibbets on a Macintosh.
Fancy Pack Apples
1st. Homer Waring.
2nd. Douglas Tibbets.
3rd. Martin Hansen.
4th. Evelyn Orchards.
5th. Frank Hemstreet.

1st. P. B. Gillespie.
2nd. Douglas Tibbets.
3rd. F. W. Crowl.
4th. Evelyn Orchards.
5th. Paul Vescey, Pellston.
6th. Homer Waring.
Golden Russet
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. F. W. Crowl.
4th. Douglas Tibbets.
Grimes Golden
1st. P. B. Gillespie.
2nd. Evelyn Orchards.
3rd. Homer Waring.
4th. Douglas Tibbets.
5th. Frank Hemstreet.
6th. Frank Zerbe, Petoskey.

1st. Evelyn Orchards.
2nd. P. B. Gillespie.
3rd. Dewey and Son.
4th. F. W. Crowl.
5th. Frank Hemstreet.
6th. Squires Orchards, Kalkaska.
Starks Delicious
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. P. B. Gillespie.
4th. Frank Crowl.
Any Other Variety
1st. Homer Waring.
2nd. Homer Waring.
3rd. P. B. Gillespie.
4th. Homer Waring.
5th. Joe Hunsch, Petoskey.
6th. Douglas Tibbets.
Apples (Plates)
Macintosh
1st. Homer Waring.
2nd. Douglas Tibbets.
3rd. Geo. Hansen.
Snow
1st. F. W. Crowl.
2nd. Douglas Tibbets.
3rd. John Whitcomb, Ellsworth.
Wealthy
1st. Douglas Tibbets.
2nd. P. B. Gillespie.
3rd. Evelyn Orchards.
Wolf River
1st. Douglas Tibbets.
2nd. P. B. Gillespie.
3rd. Harry Lenahan, Harbor Springs.
Northern Spy
1st. Homer Waring.
2nd. P. B. Gillespie.
3rd. Douglas Tibbets.
N. W. Greening
1st. Dewey and Son.
2nd. Frank Crowl.
3rd. Frank Zerbe.
Wagener
1st. Dewey and Son.
2nd. Douglas Tibbets.
3rd. P. B. Gillespie.
Golden Russet
1st. Evelyn Orchards.
2nd. Homer Waring.
3rd. F. W. Crowl.
Grimes Golden
1st. Frank Hemstreet.
2nd. P. B. Gillespie.
3rd. Douglas Tibbets.
Jonathan
1st. P. B. Gillespie.
2nd. W. J. Dewey.
3rd. Evelyn Orchards.
Starks Delicious
1st. Evelyn Orchards.
2nd. Homer Waring.
3rd. F. W. Crowl.
Any Other Variety
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. Douglas Tibbets.
Gusheis
1st. Homer Waring.
2nd. Wilbur Spidle, East Jordan.
3rd. Douglas Tibbets.
4th. Evelyn Orchards.
5th. P. B. Gillespie.
6th. Squires Orchards.
7th. Douglas Tibbets.
8th. Douglas Tibbets.
9th. Homer Waring.
10th. Squires Orchards.
Collection of 50 Apples
1st. Dewey and Son.
2nd. Evelyn Orchards.
3rd. Homer Waring.
4th. Douglas Tibbets.
Best apple was won by Douglas Tibbets on a Macintosh.
Fancy Pack Apples
1st. Homer Waring.
2nd. Douglas Tibbets.
3rd. Martin Hansen.
4th. Evelyn Orchards.
5th. Frank Hemstreet.

1st. P. B. Gillespie.
2nd. Douglas Tibbets.
3rd. F. W. Crowl.
4th. Evelyn Orchards.
5th. Paul Vescey, Pellston.
6th. Homer Waring.
Golden Russet
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. F. W. Crowl.
4th. Douglas Tibbets.
Grimes Golden
1st. P. B. Gillespie.
2nd. Evelyn Orchards.
3rd. Homer Waring.
4th. Douglas Tibbets.
5th. Frank Hemstreet.
6th. Frank Zerbe, Petoskey.

1st. Evelyn Orchards.
2nd. P. B. Gillespie.
3rd. Dewey and Son.
4th. F. W. Crowl.
5th. Frank Hemstreet.
6th. Squires Orchards, Kalkaska.
Starks Delicious
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. P. B. Gillespie.
4th. Frank Crowl.
Any Other Variety
1st. Homer Waring.
2nd. Homer Waring.
3rd. P. B. Gillespie.
4th. Homer Waring.
5th. Joe Hunsch, Petoskey.
6th. Douglas Tibbets.
Apples (Plates)
Macintosh
1st. Homer Waring.
2nd. Douglas Tibbets.
3rd. Geo. Hansen.
Snow
1st. F. W. Crowl.
2nd. Douglas Tibbets.
3rd. John Whitcomb, Ellsworth.
Wealthy
1st. Douglas Tibbets.
2nd. P. B. Gillespie.
3rd. Evelyn Orchards.
Wolf River
1st. Douglas Tibbets.
2nd. P. B. Gillespie.
3rd. Harry Lenahan, Harbor Springs.
Northern Spy
1st. Homer Waring.
2nd. P. B. Gillespie.
3rd. Douglas Tibbets.
N. W. Greening
1st. Dewey and Son.
2nd. Frank Crowl.
3rd. Frank Zerbe.
Wagener
1st. Dewey and Son.
2nd. Douglas Tibbets.
3rd. P. B. Gillespie.
Golden Russet
1st. Evelyn Orchards.
2nd. Homer Waring.
3rd. F. W. Crowl.
Grimes Golden
1st. Frank Hemstreet.
2nd. P. B. Gillespie.
3rd. Douglas Tibbets.
Jonathan
1st. P. B. Gillespie.
2nd. W. J. Dewey.
3rd. Evelyn Orchards.
Starks Delicious
1st. Evelyn Orchards.
2nd. Homer Waring.
3rd. F. W. Crowl.
Any Other Variety
1st. Homer Waring.
2nd. Evelyn Orchards.
3rd. Douglas Tibbets.
Gusheis
1st. Homer Waring.
2nd. Wilbur Spidle, East Jordan.
3rd. Douglas Tibbets.
4th. Evelyn Orchards.
5th. P. B. Gillespie.
6th. Squires Orchards.
7th. Douglas Tibbets.
8th. Douglas Tibbets.
9th. Homer Waring.
10th. Squires Orchards.
Collection of 50 Apples
1st. Dewey and Son.
2nd. Evelyn Orchards.
3rd. Homer Waring.
4th. Douglas Tibbets.
Best apple was won by Douglas Tibbets on a Macintosh.
Fancy Pack Apples
1st. Homer Waring.
2nd. Douglas Tibbets.
3rd. Martin Hansen.
4th. Evelyn Orchards.
5th. Frank Hemstreet.